

# 10k limit report

2020-09-29

## summary

| Summary                                  | default           | marked            | naive             | psvn              | psvn_split     | watched           |
|--|-------------------|-------------------|-------------------|-------------------|----------------|-------------------|
| Avg dur gao - Sum                        | nan               | nan               | nan               | nan               | nan            | nan               |
| Cost - Sum                               | <b>2270253.00</b> | <b>2270253.00</b> | <b>2270253.00</b> | <b>2270253.00</b> | 2537262.00     | <b>2270253.00</b> |
| Coverage - Sum                           | 254               | 225               | <b>255</b>        | 161               | 143            | 227               |
| error-exitcode-250 - Sum                 | 0                 | 0                 | 0                 | 30                | 30             | 0                 |
| error-search-out-of-memory - Sum         | <b>0</b>          | <b>0</b>          | <b>0</b>          | 1393              | 331            | <b>0</b>          |
| error-search-unsolvable-incomplete - Sum | 1560              | 1589              | 1559              | 223               | 1310           | 1557              |
| error-segfault - Sum                     | <b>0</b>          | 1                 | 1                 | 8                 | 2              | 31                |
| error-success - Sum                      | 254               | 225               | <b>255</b>        | 161               | 143            | 227               |
| error-translate-out-of-memory - Sum      | 13                | 12                | 12                | 12                | <b>11</b>      | 12                |
| Expansions - Geometric mean              | <b>0.00</b>       | <b>0.00</b>       | <b>0.00</b>       | <b>0.00</b>       | <b>0.00</b>    | <b>0.00</b>       |
| Expansions until last jump - Sum         | 1536624           | 1536624           | 1536624           | 1536624           | <b>1494594</b> | 1536624           |
| Num gao - Sum                            | 2420580           | 2418158           | 2418158           | 2419416           | <b>2341098</b> | 2420553           |
| Search time - Geometric mean             | <b>0.03</b>       | 0.03              | 0.04              | 0.03              | 0.03           | 0.04              |
| Sg initialization time - Sum             | 0.08              | 0.58              | <b>0.01</b>       | 325.98            | 164.56         | 0.02              |
| Tot dur gao - Sum                        | <b>3.27</b>       | 10.77             | 30.55             | 3.67              | 4.54           | 35.86             |
| Total time - Geometric mean              | <b>0.03</b>       | 0.04              | 0.04              | 0.34              | 0.30           | 0.04              |

## avg\_dur\_gao

| Avg dur gao                        | default     | marked      | naive | psvn        | psvn_split  | watched |
|------------------------------------|-------------|-------------|-------|-------------|-------------|---------|
| airport (9)                        | 0.03        | 0.03        | 0.03  | <b>0.03</b> | 0.04        | 0.25    |
| blocks (6)                         | <b>0.01</b> | 0.01        | 0.01  | 0.01        | 0.01        | 0.02    |
| depot (1)                          | <b>0.00</b> | 0.00        | 0.00  | 0.00        | 0.00        | 0.00    |
| driverlog (4)                      | <b>0.01</b> | 0.01        | 0.01  | 0.01        | 0.01        | 0.01    |
| elevators-opt08-strips (1)         | <b>0.00</b> | 0.00        | 0.00  | 0.00        | 0.00        | 0.00    |
| floortile-opt11-strips (4)         | <b>0.01</b> | 0.01        | 0.02  | 0.01        | 0.02        | 0.02    |
| floortile-opt14-strips (2)         | <b>0.00</b> | 0.00        | 0.01  | 0.00        | 0.01        | 0.01    |
| ged-opt14-strips (3)               | <b>0.00</b> | 0.01        | 0.01  | 0.01        | 0.01        | 0.01    |
| gripper (4)                        | <b>0.00</b> | 0.01        | 0.01  | 0.01        | 0.01        | 0.01    |
| hiking-opt14-strips (7)            | <b>0.01</b> | 0.03        | 0.09  | 0.01        | 0.02        | 0.04    |
| logistics00 (10)                   | <b>0.01</b> | 0.02        | 0.02  | 0.02        | 0.02        | 0.02    |
| logistics98 (2)                    | <b>0.00</b> | 0.00        | 0.01  | 0.00        | 0.00        | 0.01    |
| miconic (150)                      | 0.20        | 0.62        | 2.33  | <b>0.20</b> | 0.22        | 1.38    |
| mystery (4)                        | nan         | nan         | nan   | nan         | nan         | nan     |
| nomystery-opt11-strips (6)         | <b>0.01</b> | 0.01        | 0.06  | 0.01        | 0.01        | 0.01    |
| openstacks-opt08-strips (4)        | <b>0.01</b> | 0.01        | 0.01  | 0.01        | 0.01        | 0.01    |
| openstacks-strips (5)              | <b>0.01</b> | 0.01        | 0.02  | 0.01        | 0.01        | 0.02    |
| organic-synthesis-opt18-strips (4) | 0.01        | 0.09        | 0.19  | <b>0.01</b> | 0.01        | 0.07    |
| parcprinter-08-strips (7)          | 0.02        | 0.01        | 0.02  | <b>0.01</b> | 0.01        | 0.04    |
| parcprinter-opt11-strips (3)       | 0.01        | <b>0.01</b> | 0.01  | 0.01        | 0.01        | 0.02    |
| pegsol-08-strips (2)               | <b>0.00</b> | 0.00        | 0.01  | 0.00        | 0.00        | 0.01    |
| psr-small (45)                     | 0.08        | 0.31        | 0.26  | <b>0.06</b> | 0.12        | 0.30    |
| rovers (6)                         | <b>0.01</b> | 0.01        | 0.01  | 0.01        | 0.01        | 0.02    |
| satellite (5)                      | <b>0.01</b> | 0.01        | 0.02  | 0.01        | 0.01        | 0.02    |
| scanalyzer-08-strips (6)           | <b>0.01</b> | 0.02        | 0.05  | 0.01        | 0.01        | 0.04    |
| scanalyzer-opt11-strips (3)        | 0.00        | 0.01        | 0.02  | 0.00        | <b>0.00</b> | 0.02    |
| sokoban-opt08-strips (3)           | 0.01        | <b>0.01</b> | 0.01  | 0.01        | 0.01        | 0.01    |
| storage (7)                        | 0.02        | <b>0.02</b> | 0.02  | 0.02        | 0.02        | 0.03    |
| termes-opt18-strips (6)            | <b>0.01</b> | 0.02        | 0.05  | 0.01        | 0.02        | 0.02    |
| tpp (5)                            | <b>0.01</b> | 0.01        | 0.01  | 0.01        | 0.01        | 0.02    |
| transport-opt08-strips (6)         | <b>0.01</b> | 0.01        | 0.03  | 0.01        | 0.01        | 0.02    |
| transport-opt11-strips (1)         | <b>0.00</b> | 0.00        | 0.01  | 0.00        | 0.00        | 0.00    |
| transport-opt14-strips (1)         | <b>0.00</b> | 0.00        | 0.01  | 0.00        | 0.00        | 0.00    |
| trucks-strips (3)                  | <b>0.00</b> | 0.01        | 0.02  | 0.01        | 0.01        | 0.01    |
| visitall-opt11-strips (20)         | 0.02        | 0.04        | 0.06  | <b>0.02</b> | 0.03        | 0.25    |
| visitall-opt14-strips (20)         | 0.02        | 0.05        | 0.12  | <b>0.02</b> | 0.03        | 1.58    |
| woodworking-opt08-strips (2)       | <b>0.00</b> | 0.00        | 0.01  | 0.01        | 0.01        | 0.01    |
| zenotravel (7)                     | <b>0.01</b> | 0.02        | 0.04  | 0.02        | 0.01        | 0.03    |
| <b>Sum (384)</b>                   | nan         | nan         | nan   | nan         | nan         | nan     |

Only instances where all algorithms have a value for "avg\_dur\_gao" are considered. Each table entry gives the sum of "avg\_dur\_gao" for that domain. The last row reports the sum across all domains.

### agricola-opt18-strips

| Avg dur gao | default     | marked | naive | psvn | psvn_split | watched |
|-------------|-------------|--------|-------|------|------------|---------|
| p01.pddl    | <b>0.00</b> | 0.12   | 0.57  | None | 0.27       | 0.04    |
| p02.pddl    | <b>0.00</b> | 0.19   | 0.94  | None | 0.53       | 0.04    |
| p03.pddl    | <b>0.00</b> | 0.28   | 1.79  | None | None       | 0.04    |
| p04.pddl    | <b>0.00</b> | 0.14   | 0.41  | None | 0.55       | 0.04    |
| p05.pddl    | <b>0.00</b> | 0.24   | 1.10  | None | 1.13       | 0.04    |
| p06.pddl    | <b>0.00</b> | 0.32   | 2.71  | None | None       | 0.04    |
| p07.pddl    | <b>0.00</b> | 0.16   | 0.71  | None | 1.13       | 0.05    |
| p08.pddl    | <b>0.00</b> | 0.25   | 1.69  | None | None       | 0.05    |
| p09.pddl    | <b>0.00</b> | 0.39   | 2.88  | None | None       | 0.05    |
| p10.pddl    | <b>0.00</b> | 0.20   | 0.86  | None | None       | 0.06    |
| p11.pddl    | <b>0.00</b> | 0.29   | 1.87  | None | None       | 0.06    |
| p12.pddl    | <b>0.00</b> | 0.42   | 3.11  | None | None       | 0.06    |
| p13.pddl    | <b>0.00</b> | 0.21   | 1.06  | None | None       | 0.06    |
| p14.pddl    | <b>0.00</b> | 0.36   | 2.18  | None | None       | 0.06    |
| p15.pddl    | <b>0.00</b> | 0.47   | 3.57  | None | None       | 0.07    |
| p16.pddl    | <b>0.00</b> | 0.22   | 1.29  | None | None       | 0.07    |
| p17.pddl    | <b>0.00</b> | 0.36   | 2.42  | None | None       | 0.07    |
| p18.pddl    | <b>0.00</b> | 0.52   | 3.76  | None | None       | 0.07    |
| p19.pddl    | <b>0.00</b> | 0.26   | 1.58  | None | None       | 0.08    |
| p20.pddl    | <b>0.00</b> | 0.40   | 2.83  | None | 6.68       | 0.08    |

# airport

| Avg dur gao                  | default     | marked      | naive | psvn        | psvn_split | watched |
|------------------------------|-------------|-------------|-------|-------------|------------|---------|
| p01-airport1-p1.pddl         | 0.00        | 0.00        | 0.00  | <b>0.00</b> | 0.00       | 0.01    |
| p02-airport1-p1.pddl         | 0.00        | 0.00        | 0.00  | <b>0.00</b> | 0.00       | 0.01    |
| p03-airport1-p2.pddl         | 0.00        | <b>0.00</b> | 0.00  | 0.00        | 0.00       | 0.01    |
| p04-airport2-p1.pddl         | 0.00        | 0.00        | 0.00  | <b>0.00</b> | 0.00       | 0.03    |
| p05-airport2-p1.pddl         | 0.00        | 0.00        | 0.00  | <b>0.00</b> | 0.00       | 0.03    |
| p06-airport2-p2.pddl         | 0.00        | <b>0.00</b> | 0.00  | 0.01        | 0.01       | 0.05    |
| p07-airport2-p2.pddl         | 0.00        | <b>0.00</b> | 0.00  | 0.01        | 0.01       | 0.05    |
| p08-airport2-p3.pddl         | 0.01        | <b>0.01</b> | 0.01  | None        | None       | 0.09    |
| p09-airport2-p4.pddl         | 0.01        | <b>0.01</b> | 0.01  | None        | 0.12       | 0.14    |
| p10-airport3-p1.pddl         | 0.00        | 0.00        | 0.00  | <b>0.00</b> | 0.00       | 0.03    |
| p11-airport3-p1.pddl         | 0.00        | 0.00        | 0.00  | <b>0.00</b> | 0.00       | 0.03    |
| p12-airport3-p2.pddl         | 0.01        | <b>0.00</b> | 0.01  | None        | 0.03       | 0.06    |
| p13-airport3-p2.pddl         | 0.01        | <b>0.00</b> | 0.01  | None        | 0.03       | 0.06    |
| p14-airport3-p3.pddl         | 0.01        | <b>0.01</b> | 0.01  | None        | 0.13       | 0.11    |
| p15-airport3-p3.pddl         | 0.01        | <b>0.01</b> | 0.01  | None        | 0.10       | 0.11    |
| p16-airport3-p4.pddl         | 0.01        | <b>0.01</b> | 0.01  | None        | None       | 0.16    |
| p17-airport3-p5.pddl         | 0.01        | <b>0.01</b> | 0.01  | None        | 0.27       | 0.22    |
| p18-airport3-p6.pddl         | 0.01        | <b>0.01</b> | 0.02  | None        | 0.33       | 0.31    |
| p19-airport3-p6.pddl         | 0.01        | <b>0.01</b> | 0.02  | None        | None       | 0.26    |
| p20-airport3-p7.pddl         | 0.02        | <b>0.02</b> | 0.02  | None        | None       | 0.39    |
| p21-airport4halfMUC-p2.pddl  | 0.03        | <b>0.02</b> | 0.03  | None        | None       | 1.12    |
| p22-airport4halfMUC-p3.pddl  | 0.04        | <b>0.02</b> | 0.05  | None        | None       | 1.99    |
| p23-airport4halfMUC-p4.pddl  | 0.04        | <b>0.03</b> | 0.06  | None        | 3.83       | 3.08    |
| p24-airport4halfMUC-p4.pddl  | 0.06        | <b>0.04</b> | 0.07  | None        | None       | 3.08    |
| p25-airport4halfMUC-p5.pddl  | 0.06        | <b>0.05</b> | 0.09  | None        | None       | 4.52    |
| p26-airport4halfMUC-p6.pddl  | 0.07        | <b>0.06</b> | 0.11  | None        | None       | 6.06    |
| p27-airport4halfMUC-p6.pddl  | 0.08        | <b>0.06</b> | 0.11  | None        | None       | 6.20    |
| p28-airport4halfMUC-p7.pddl  | 0.09        | <b>0.08</b> | 0.13  | None        | None       | 7.84    |
| p29-airport4halfMUC-p8.pddl  | <b>0.09</b> | 0.09        | 0.17  | None        | None       | 9.92    |
| p30-airport4halfMUC-p8.pddl  | 0.10        | <b>0.10</b> | 0.15  | None        | None       | 10.08   |
| p31-airport4halfMUC-p9.pddl  | <b>0.10</b> | 0.11        | 0.18  | None        | None       | 12.50   |
| p32-airport4halfMUC-p10.pddl | <b>0.11</b> | 0.13        | 0.21  | None        | None       | 15.09   |
| p33-airport4halfMUC-p10.pddl | <b>0.12</b> | 0.14        | 0.19  | None        | None       | 15.22   |
| p34-airport4halfMUC-p11.pddl | <b>0.12</b> | 0.15        | 0.24  | None        | None       | 17.68   |
| p35-airport4halfMUC-p12.pddl | <b>0.12</b> | 0.17        | 0.28  | None        | None       | 20.76   |
| p36-airport5MUC-p2.pddl      | 0.04        | <b>0.02</b> | 0.04  | None        | None       | 1.89    |
| p37-airport5MUC-p3.pddl      | 0.07        | <b>0.03</b> | 0.07  | None        | None       | 3.35    |
| p38-airport5MUC-p3.pddl      | 0.06        | <b>0.04</b> | 0.07  | None        | None       | 3.34    |
| p39-airport5MUC-p4.pddl      | 0.09        | <b>0.05</b> | 0.09  | None        | None       | 5.21    |
| p40-airport5MUC-p4.pddl      | 0.08        | <b>0.05</b> | 0.09  | None        | None       | 5.18    |
| p41-airport5MUC-p4.pddl      | 0.07        | <b>0.05</b> | 0.09  | None        | None       | 5.24    |
| p42-airport5MUC-p5.pddl      | 0.09        | <b>0.07</b> | 0.11  | None        | None       | 7.54    |
| p43-airport5MUC-p5.pddl      | 0.09        | <b>0.07</b> | 0.12  | None        | None       | 7.59    |

### barman-opt11-strips

| Avg dur gao      | default     | marked | naive | psvn | psvn_split | watched |
|------------------|-------------|--------|-------|------|------------|---------|
| pfile01-001.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.02    |
| pfile01-002.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.02    |
| pfile01-003.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.02    |
| pfile01-004.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.02    |
| pfile02-005.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.03    |
| pfile02-006.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.03    |
| pfile02-007.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.03    |
| pfile02-008.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.03    |
| pfile03-009.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.04    |
| pfile03-010.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.04    |
| pfile03-011.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.04    |
| pfile03-012.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.04    |
| pfile04-013.pddl | <b>0.00</b> | 0.01   | 0.01  | None | 0.05       | 0.07    |
| pfile04-014.pddl | <b>0.00</b> | 0.01   | 0.01  | None | 0.04       | 0.07    |
| pfile04-015.pddl | <b>0.00</b> | 0.01   | 0.01  | None | 0.05       | 0.07    |
| pfile04-016.pddl | <b>0.00</b> | 0.01   | 0.01  | None | 0.05       | 0.08    |
| pfile05-017.pddl | <b>0.00</b> | 0.01   | 0.02  | None | 0.05       | 0.10    |
| pfile05-018.pddl | <b>0.00</b> | 0.01   | 0.02  | None | 0.05       | 0.10    |
| pfile05-019.pddl | <b>0.00</b> | 0.01   | 0.02  | None | 0.05       | 0.10    |
| pfile05-020.pddl | <b>0.00</b> | 0.01   | 0.01  | None | 0.05       | 0.10    |

### barman-opt14-strips

| Avg dur gao | default     | marked | naive | psvn | psvn_split | watched |
|-------------|-------------|--------|-------|------|------------|---------|
| p435-1.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.03    |
| p435-2.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.03    |
| p435-3.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.03    |
| p536-1.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.04    |
| p536-2.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.04    |
| p536-3.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.04    |
| p638-1.pddl | <b>0.00</b> | 0.01   | 0.01  | None | 0.05       | 0.07    |
| p638-2.pddl | <b>0.00</b> | 0.01   | 0.01  | None | 0.05       | 0.07    |
| p638-3.pddl | <b>0.00</b> | 0.01   | 0.01  | None | 0.04       | 0.07    |
| p739-1.pddl | <b>0.00</b> | 0.01   | 0.02  | None | 0.05       | 0.10    |
| p739-2.pddl | <b>0.00</b> | 0.01   | 0.02  | None | 0.06       | 0.10    |
| p739-3.pddl | <b>0.00</b> | 0.01   | 0.02  | None | 0.06       | 0.09    |
| p839-1.pddl | <b>0.00</b> | 0.01   | 0.02  | None | 0.05       | 0.11    |
| p839-2.pddl | <b>0.00</b> | 0.01   | 0.02  | None | 0.06       | 0.11    |

## blocks

| Avg dur gao          | default     | marked | naive | psvn | psvn_split | watched |
|----------------------|-------------|--------|-------|------|------------|---------|
| probBLOCKS-4-0.pddl  | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.00       | 0.00    |
| probBLOCKS-4-1.pddl  | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.00       | 0.00    |
| probBLOCKS-4-2.pddl  | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.00       | 0.00    |
| probBLOCKS-5-0.pddl  | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.00       | 0.00    |
| probBLOCKS-5-1.pddl  | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.00       | 0.00    |
| probBLOCKS-5-2.pddl  | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.00       | 0.00    |
| probBLOCKS-6-0.pddl  | <b>0.00</b> | 0.00   | 0.00  | None | 0.01       | 0.00    |
| probBLOCKS-6-1.pddl  | <b>0.00</b> | 0.00   | 0.00  | None | 0.00       | 0.00    |
| probBLOCKS-6-2.pddl  | <b>0.00</b> | 0.00   | 0.00  | None | 0.01       | 0.00    |
| probBLOCKS-7-0.pddl  | <b>0.00</b> | 0.00   | 0.00  | None | 0.05       | 0.00    |
| probBLOCKS-7-1.pddl  | <b>0.00</b> | 0.00   | 0.00  | None | 0.00       | 0.00    |
| probBLOCKS-7-2.pddl  | <b>0.00</b> | 0.00   | 0.00  | None | 0.00       | 0.00    |
| probBLOCKS-8-0.pddl  | <b>0.00</b> | 0.00   | 0.00  | None | 0.01       | 0.00    |
| probBLOCKS-8-1.pddl  | <b>0.00</b> | 0.00   | 0.00  | None | 0.01       | 0.00    |
| probBLOCKS-8-2.pddl  | <b>0.00</b> | 0.00   | 0.00  | None | 0.01       | 0.00    |
| probBLOCKS-9-0.pddl  | <b>0.00</b> | 0.00   | 0.00  | None | 0.01       | 0.00    |
| probBLOCKS-9-1.pddl  | <b>0.00</b> | 0.00   | 0.00  | None | 0.02       | 0.00    |
| probBLOCKS-9-2.pddl  | <b>0.00</b> | 0.00   | 0.00  | None | 0.01       | 0.00    |
| probBLOCKS-10-0.pddl | <b>0.00</b> | 0.00   | 0.00  | None | 0.01       | 0.00    |
| probBLOCKS-10-1.pddl | <b>0.00</b> | 0.00   | 0.00  | None | 0.01       | 0.00    |
| probBLOCKS-10-2.pddl | <b>0.00</b> | 0.00   | 0.00  | None | 0.02       | 0.00    |
| probBLOCKS-11-0.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.00    |
| probBLOCKS-11-1.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.00    |
| probBLOCKS-11-2.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.00    |
| probBLOCKS-12-0.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.02       | 0.01    |
| probBLOCKS-12-1.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.04       | 0.00    |
| probBLOCKS-13-0.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.03       | 0.01    |
| probBLOCKS-13-1.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.03       | 0.01    |
| probBLOCKS-14-0.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.02       | 0.01    |
| probBLOCKS-14-1.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.02       | 0.01    |
| probBLOCKS-15-0.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.03       | 0.01    |
| probBLOCKS-15-1.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.03       | 0.01    |
| probBLOCKS-16-1.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.03       | 0.01    |
| probBLOCKS-16-2.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.03       | 0.01    |
| probBLOCKS-17-0.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.03       | 0.01    |

## childsnack-opt14-strips

| Avg dur gao                | default | marked      | naive | psvn | psvn_split | watched |
|----------------------------|---------|-------------|-------|------|------------|---------|
| child-snack_pfile01-2.pddl | 0.01    | <b>0.01</b> | 0.01  | None | 0.02       | 0.02    |
| child-snack_pfile01.pddl   | 0.01    | <b>0.01</b> | 0.01  | None | 0.02       | 0.02    |
| child-snack_pfile02-2.pddl | 0.01    | <b>0.01</b> | 0.02  | None | 0.04       | 0.04    |
| child-snack_pfile02.pddl   | 0.01    | <b>0.01</b> | 0.02  | None | 0.04       | 0.04    |
| child-snack_pfile03-2.pddl | 0.01    | <b>0.01</b> | 0.03  | None | 0.08       | 0.06    |
| child-snack_pfile03.pddl   | 0.02    | <b>0.01</b> | 0.03  | None | 0.07       | 0.06    |
| child-snack_pfile04-2.pddl | 0.02    | <b>0.01</b> | 0.04  | None | 0.08       | 0.09    |
| child-snack_pfile04.pddl   | 0.02    | <b>0.02</b> | 0.04  | None | 0.10       | 0.09    |
| child-snack_pfile05-2.pddl | 0.03    | <b>0.02</b> | 0.05  | None | 0.11       | 0.14    |
| child-snack_pfile05.pddl   | 0.03    | <b>0.02</b> | 0.05  | None | 0.14       | 0.13    |
| child-snack_pfile06-2.pddl | 0.03    | <b>0.03</b> | 0.07  | None | None       | 0.18    |
| child-snack_pfile06.pddl   | 0.03    | <b>0.03</b> | 0.07  | None | None       | 0.19    |
| child-snack_pfile07-2.pddl | 0.05    | <b>0.03</b> | 0.09  | None | 0.39       | 0.27    |
| child-snack_pfile07.pddl   | 0.05    | <b>0.03</b> | 0.09  | None | 0.40       | 0.24    |
| child-snack_pfile08-2.pddl | 0.06    | <b>0.05</b> | 0.11  | None | None       | 0.33    |
| child-snack_pfile08.pddl   | 0.06    | <b>0.05</b> | 0.11  | None | None       | 0.31    |
| child-snack_pfile09-2.pddl | 0.07    | <b>0.06</b> | 0.15  | None | None       | 0.41    |
| child-snack_pfile09.pddl   | 0.07    | <b>0.06</b> | 0.14  | None | None       | 0.59    |
| child-snack_pfile10-2.pddl | 0.10    | <b>0.07</b> | 0.18  | None | 0.69       | 0.50    |
| child-snack_pfile10.pddl   | 0.09    | <b>0.07</b> | 0.18  | None | 0.62       | 0.51    |

## data-network-opt18-strips

| Avg dur gao | default     | marked | naive | psvn | psvn_split | watched |
|-------------|-------------|--------|-------|------|------------|---------|
| p01.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.02       | 0.01    |
| p02.pddl    | <b>0.00</b> | 0.01   | 0.01  | None | 0.04       | 0.01    |
| p03.pddl    | <b>0.00</b> | 0.01   | 0.02  | None | 0.06       | 0.01    |
| p04.pddl    | <b>0.00</b> | 0.01   | 0.02  | None | 0.06       | 0.02    |
| p05.pddl    | <b>0.00</b> | 0.01   | 0.02  | None | 0.05       | 0.02    |
| p06.pddl    | <b>0.00</b> | 0.01   | 0.03  | None | 0.07       | 0.02    |
| p07.pddl    | <b>0.00</b> | 0.01   | 0.03  | None | 0.13       | 0.02    |
| p08.pddl    | <b>0.00</b> | 0.01   | 0.02  | None | 0.10       | 0.02    |
| p09.pddl    | <b>0.00</b> | 0.01   | 0.02  | None | 0.03       | 0.01    |
| p10.pddl    | <b>0.00</b> | 0.01   | 0.02  | None | 0.05       | 0.02    |
| p11.pddl    | <b>0.00</b> | 0.01   | 0.02  | None | 0.06       | 0.02    |
| p12.pddl    | <b>0.00</b> | 0.01   | 0.03  | None | 0.06       | 0.02    |
| p13.pddl    | <b>0.00</b> | 0.01   | 0.03  | None | 0.08       | 0.03    |
| p14.pddl    | <b>0.00</b> | 0.01   | 0.04  | None | 0.16       | 0.03    |
| p15.pddl    | <b>0.00</b> | 0.01   | 0.03  | None | 0.12       | 0.03    |
| p16.pddl    | <b>0.00</b> | 0.01   | 0.03  | None | 0.15       | 0.04    |
| p17.pddl    | <b>0.00</b> | 0.01   | 0.04  | None | 0.18       | 0.04    |
| p18.pddl    | <b>0.01</b> | 0.01   | 0.04  | None | 0.19       | 0.05    |
| p19.pddl    | <b>0.01</b> | 0.02   | 0.06  | None | 0.22       | 0.07    |
| p20.pddl    | <b>0.01</b> | 0.02   | 0.06  | None | 0.38       | 0.08    |



## depot

| Avg dur gao | default     | marked | naive | psvn | psvn_split | watched |
|-------------|-------------|--------|-------|------|------------|---------|
| p01.pddl    | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.00       | 0.00    |
| p02.pddl    | <b>0.00</b> | 0.00   | 0.00  | None | 0.01       | 0.00    |
| p03.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.01    |
| p04.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.03       | 0.01    |
| p05.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.04       | 0.01    |
| p06.pddl    | <b>0.00</b> | 0.01   | 0.03  | None | 0.09       | 0.02    |
| p07.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.02       | 0.01    |
| p08.pddl    | <b>0.00</b> | 0.01   | 0.02  | None | 0.04       | 0.01    |
| p09.pddl    | <b>0.00</b> | 0.01   | 0.04  | None | 0.19       | 0.02    |
| p10.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.05       | 0.01    |
| p11.pddl    | <b>0.00</b> | 0.01   | 0.03  | None | 0.13       | 0.01    |
| p12.pddl    | <b>0.00</b> | 0.01   | 0.06  | None | 0.36       | 0.02    |
| p13.pddl    | <b>0.00</b> | 0.01   | 0.02  | None | 0.06       | 0.01    |
| p14.pddl    | <b>0.00</b> | 0.01   | 0.04  | None | 0.16       | 0.01    |
| p15.pddl    | <b>0.00</b> | 0.02   | 0.07  | None | 0.38       | 0.02    |
| p16.pddl    | <b>0.00</b> | 0.01   | 0.03  | None | 0.08       | 0.01    |
| p17.pddl    | <b>0.01</b> | 0.01   | 0.05  | None | 0.19       | 0.02    |
| p18.pddl    | <b>0.01</b> | 0.02   | 0.10  | None | 0.41       | 0.02    |
| p19.pddl    | <b>0.00</b> | 0.01   | 0.04  | None | 0.17       | 0.01    |
| p20.pddl    | <b>0.00</b> | 0.02   | 0.09  | None | None       | 0.02    |
| p21.pddl    | <b>0.01</b> | 0.04   | 0.13  | None | None       | 0.03    |
| p22.pddl    | <b>0.01</b> | 0.10   | 0.35  | None | 4.14       | 0.05    |

## driverlog

| Avg dur gao | default     | marked | naive | psvn | psvn_split | watched |
|-------------|-------------|--------|-------|------|------------|---------|
| p01.pddl    | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.00       | 0.00    |
| p02.pddl    | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.00       | 0.00    |
| p03.pddl    | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.00       | 0.00    |
| p04.pddl    | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.00       | 0.00    |
| p05.pddl    | <b>0.00</b> | 0.00   | 0.00  | None | 0.00       | 0.00    |
| p06.pddl    | <b>0.00</b> | 0.00   | 0.00  | None | 0.00       | 0.00    |
| p07.pddl    | <b>0.00</b> | 0.00   | 0.00  | None | 0.00       | 0.00    |
| p08.pddl    | <b>0.00</b> | 0.00   | 0.00  | None | 0.00       | 0.00    |
| p09.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.00    |
| p10.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.00    |
| p11.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.00    |
| p12.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.00    |
| p13.pddl    | <b>0.00</b> | 0.00   | 0.02  | None | 0.01       | 0.00    |
| p14.pddl    | <b>0.00</b> | 0.00   | 0.02  | None | 0.04       | 0.00    |
| p15.pddl    | <b>0.00</b> | 0.01   | 0.03  | None | 0.18       | 0.00    |
| p16.pddl    | <b>0.00</b> | 0.01   | 0.06  | None | 0.40       | 0.01    |
| p17.pddl    | <b>0.00</b> | 0.01   | 0.08  | None | 0.46       | 0.01    |
| p18.pddl    | <b>0.00</b> | 0.02   | 0.11  | None | 0.95       | 0.01    |
| p19.pddl    | <b>0.00</b> | 0.02   | 0.13  | None | 1.33       | 0.01    |
| p20.pddl    | <b>0.01</b> | 0.03   | 0.20  | None | None       | 0.01    |

## elevators-opt08-strips

| Avg dur gao | default     | marked | naive | psvn | psvn_split | watched |
|-------------|-------------|--------|-------|------|------------|---------|
| p01.pddl    | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.00       | 0.00    |
| p02.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.00    |
| p03.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.00    |
| p04.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.00    |
| p05.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.00    |
| p06.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.00    |
| p07.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.00    |
| p08.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.00    |
| p09.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.00    |
| p10.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.00    |
| p11.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.00    |
| p12.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.00    |
| p13.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.00    |
| p14.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.00    |
| p15.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.00    |
| p16.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.00    |
| p17.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.00    |
| p18.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.00    |
| p19.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.00    |
| p20.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.00    |
| p21.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.00    |
| p22.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.00    |
| p23.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.00    |
| p24.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.00    |
| p25.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.00    |
| p26.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.00    |
| p27.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.00    |
| p28.pddl    | <b>0.00</b> | 0.00   | 0.02  | None | 0.01       | 0.01    |
| p29.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.00    |
| p30.pddl    | <b>0.00</b> | 0.00   | 0.02  | None | 0.00       | 0.01    |

# elevators-opt11-strips

| Avg dur gao | default     | marked | naive | psvn | psvn_split | watched |
|-------------|-------------|--------|-------|------|------------|---------|
| p01.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.00    |
| p02.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.00    |
| p03.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.00    |
| p04.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.00    |
| p05.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.00    |
| p06.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.00    |
| p07.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.00    |
| p08.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.00    |
| p09.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.00    |
| p10.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.00    |
| p11.pddl    | <b>0.00</b> | 0.00   | 0.02  | None | 0.01       | 0.00    |
| p12.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.00    |
| p13.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.00    |
| p14.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.00    |
| p15.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.00    |
| p16.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.00    |
| p17.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.00    |
| p18.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.00    |
| p19.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.00    |
| p20.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.00    |

# floortile-opt11-strips

| Avg dur gao      | default     | marked | naive | psvn | psvn_split | watched |
|------------------|-------------|--------|-------|------|------------|---------|
| opt-p01-001.pddl | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.00       | 0.00    |
| opt-p01-002.pddl | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.00       | 0.00    |
| opt-p02-003.pddl | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.00       | 0.00    |
| opt-p02-004.pddl | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.00       | 0.00    |
| opt-p03-005.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.00    |
| opt-p03-006.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.00    |
| opt-p04-007.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.01    |
| opt-p04-008.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.01    |
| opt-p05-009.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.01    |
| opt-p05-010.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.01    |
| opt-p06-011.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.01    |
| opt-p06-012.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.01    |
| opt-p07-013.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.02       | 0.01    |
| opt-p07-014.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.02       | 0.01    |
| opt-p08-015.pddl | <b>0.00</b> | 0.01   | 0.01  | None | 0.04       | 0.01    |
| opt-p08-016.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.04       | 0.01    |
| opt-p09-017.pddl | <b>0.00</b> | 0.01   | 0.02  | None | 0.04       | 0.01    |
| opt-p09-018.pddl | <b>0.00</b> | 0.01   | 0.02  | None | 0.04       | 0.01    |
| opt-p10-019.pddl | <b>0.00</b> | 0.01   | 0.02  | None | 0.04       | 0.01    |
| opt-p10-020.pddl | <b>0.00</b> | 0.01   | 0.02  | None | 0.04       | 0.01    |

# floortile-opt14-strips

| Avg dur gao    | default     | marked | naive | psvn | psvn_split | watched |
|----------------|-------------|--------|-------|------|------------|---------|
| p01-4-3-2.pddl | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.00       | 0.00    |
| p01-4-4-2.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.01    |
| p01-5-3-2.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.01    |
| p01-5-4-2.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.01    |
| p01-5-5-2.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.02       | 0.01    |
| p01-6-4-2.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.01    |
| p01-6-5-2.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.02       | 0.01    |
| p02-4-4-2.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.01    |
| p02-5-3-2.pddl | <b>0.00</b> | 0.00   | 0.00  | None | 0.01       | 0.00    |
| p02-5-4-2.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.01    |
| p02-5-5-2.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.02       | 0.01    |
| p02-6-4-2.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.01    |
| p02-6-5-2.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.02       | 0.01    |
| p03-4-3-2.pddl | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.00       | 0.00    |
| p03-4-4-2.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.01    |
| p03-5-3-2.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.01    |
| p03-5-4-2.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.01    |
| p03-5-5-2.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.02       | 0.01    |
| p03-6-4-2.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.01    |
| p03-6-5-2.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.02       | 0.01    |

# freecell

| Avg dur gao           | default | marked | naive | psvn | psvn_split | watched |
|-----------------------|---------|--------|-------|------|------------|---------|
| p01.pddl              | 0.00    | 0.00   | 0.01  | None | 0.01       | 0.01    |
| p02.pddl              | 0.00    | 0.01   | 0.02  | None | 0.03       | 0.01    |
| p03.pddl              | 0.00    | 0.01   | 0.03  | None | 0.07       | 0.01    |
| p04.pddl              | 0.00    | 0.01   | 0.04  | None | 0.16       | 0.01    |
| p05.pddl              | 0.00    | 0.01   | 0.05  | None | 0.35       | 0.02    |
| p06.pddl              | 0.00    | 0.01   | 0.08  | None | 0.35       | 0.02    |
| p07.pddl              | 0.00    | 0.01   | 0.07  | None | 0.37       | 0.02    |
| p08.pddl              | 0.00    | 0.02   | 0.10  | None | 0.81       | 0.02    |
| p09.pddl              | 0.00    | 0.02   | 0.10  | None | 0.81       | 0.02    |
| p10.pddl              | 0.00    | 0.02   | 0.14  | None | 0.88       | 0.03    |
| p11.pddl              | 0.00    | 0.02   | 0.14  | None | 0.81       | 0.03    |
| p12.pddl              | 0.00    | 0.02   | 0.15  | None | 0.79       | 0.03    |
| p13.pddl              | 0.00    | 0.03   | 0.19  | None | 0.87       | 0.03    |
| p14.pddl              | 0.01    | 0.03   | 0.20  | None | 1.00       | 0.03    |
| p15.pddl              | 0.00    | 0.04   | 0.26  | None | 1.72       | 0.04    |
| p16.pddl              | 0.00    | 0.04   | 0.23  | None | 1.77       | 0.04    |
| p17.pddl              | 0.01    | 0.05   | 0.31  | None | 1.95       | 0.04    |
| p18.pddl              | 0.01    | 0.05   | 0.31  | None | 2.12       | 0.04    |
| p19.pddl              | 0.00    | 0.05   | 0.39  | None | None       | 0.05    |
| p20.pddl              | 0.01    | 0.06   | 0.38  | None | None       | 0.05    |
| probfreecell-2-1.pddl | 0.00    | 0.01   | 0.06  | None | 0.03       | 0.01    |
| probfreecell-2-2.pddl | 0.00    | 0.01   | 0.06  | None | 0.05       | 0.01    |
| probfreecell-2-3.pddl | 0.00    | 0.01   | 0.06  | None | 0.03       | 0.01    |
| probfreecell-2-4.pddl | 0.00    | 0.01   | 0.06  | None | 0.02       | 0.01    |
| probfreecell-2-5.pddl | 0.00    | 0.01   | 0.06  | None | 0.05       | 0.01    |
| probfreecell-3-1.pddl | 0.00    | 0.02   | 0.09  | None | 0.24       | 0.01    |
| probfreecell-3-2.pddl | 0.00    | 0.02   | 0.09  | None | 0.22       | 0.01    |
| probfreecell-3-3.pddl | 0.00    | 0.02   | 0.09  | None | 0.24       | 0.01    |
| probfreecell-3-4.pddl | 0.00    | 0.02   | 0.09  | None | 0.22       | 0.01    |
| probfreecell-3-5.pddl | 0.00    | 0.02   | 0.09  | None | 0.25       | 0.01    |
| probfreecell-4-1.pddl | 0.00    | 0.02   | 0.11  | None | 0.27       | 0.01    |
| probfreecell-4-2.pddl | 0.00    | 0.02   | 0.12  | None | 0.57       | 0.01    |
| probfreecell-4-3.pddl | 0.00    | 0.02   | 0.13  | None | 0.54       | 0.01    |
| probfreecell-4-4.pddl | 0.00    | 0.02   | 0.12  | None | 0.30       | 0.01    |
| probfreecell-4-5.pddl | 0.00    | 0.02   | 0.12  | None | 0.49       | 0.01    |
| probfreecell-5-1.pddl | 0.00    | 0.03   | 0.15  | None | 0.55       | 0.02    |
| probfreecell-5-2.pddl | 0.00    | 0.03   | 0.15  | None | 0.57       | 0.02    |
| probfreecell-5-3.pddl | 0.00    | 0.03   | 0.16  | None | 0.64       | 0.02    |
| probfreecell-5-4.pddl | 0.00    | 0.02   | 0.15  | None | 0.60       | 0.02    |
| probfreecell-5-5.pddl | 0.00    | 0.03   | 0.15  | None | 0.61       | 0.02    |
| probfreecell-6-1.pddl | 0.00    | 0.03   | 0.17  | None | 0.65       | 0.02    |
| probfreecell-6-2.pddl | 0.00    | 0.03   | 0.19  | None | 0.65       | 0.02    |
| probfreecell-6-3.pddl | 0.00    | 0.03   | 0.18  | None | 0.65       | 0.02    |
| probfreecell-6-4.pddl | 0.00    | 0.03   | 0.18  | None | 0.63       | 0.02    |

## ged-opt14-strips

| Avg dur gao | default     | marked | naive | psvn | psvn_split | watched |
|-------------|-------------|--------|-------|------|------------|---------|
| d-1-2.pddl  | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.00       | 0.00    |
| d-1-3.pddl  | <b>0.00</b> | 0.00   | 0.01  | None | 0.03       | 0.00    |
| d-1-4.pddl  | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.00       | 0.00    |
| d-1-8.pddl  | <b>0.00</b> | 0.00   | 0.01  | None | 0.05       | 0.00    |
| d-2-1.pddl  | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.00       | 0.00    |
| d-2-3.pddl  | <b>0.00</b> | 0.00   | 0.01  | None | 0.02       | 0.00    |
| d-2-4.pddl  | <b>0.00</b> | 0.00   | 0.00  | None | 0.01       | 0.00    |
| d-2-8.pddl  | <b>0.00</b> | 0.00   | 0.02  | None | 0.08       | 0.01    |
| d-3-1.pddl  | <b>0.00</b> | 0.00   | 0.01  | None | 0.03       | 0.00    |
| d-3-2.pddl  | <b>0.00</b> | 0.00   | 0.01  | None | 0.02       | 0.00    |
| d-3-4.pddl  | <b>0.00</b> | 0.00   | 0.01  | None | 0.04       | 0.00    |
| d-4-2.pddl  | <b>0.00</b> | 0.00   | 0.00  | None | 0.01       | 0.00    |
| d-4-3.pddl  | <b>0.00</b> | 0.00   | 0.01  | None | 0.05       | 0.00    |
| d-4-8.pddl  | <b>0.00</b> | 0.00   | 0.02  | None | 0.10       | 0.01    |
| d-7-5.pddl  | <b>0.00</b> | 0.00   | 0.01  | None | 0.05       | 0.00    |
| d-7-6.pddl  | <b>0.00</b> | 0.00   | 0.01  | None | 0.03       | 0.00    |
| d-8-1.pddl  | <b>0.00</b> | 0.00   | 0.01  | None | 0.05       | 0.00    |
| d-8-2.pddl  | <b>0.00</b> | 0.00   | 0.02  | None | 0.09       | 0.01    |
| d-8-4.pddl  | <b>0.00</b> | 0.00   | 0.02  | None | 0.08       | 0.01    |
| d-8-9.pddl  | <b>0.00</b> | 0.00   | 0.02  | None | 0.08       | 0.01    |

## grid

| Avg dur gao | default     | marked | naive | psvn | psvn_split | watched |
|-------------|-------------|--------|-------|------|------------|---------|
| prob01.pddl | <b>0.00</b> | 0.00   | 0.03  | None | 0.25       | 0.00    |
| prob02.pddl | <b>0.00</b> | 0.01   | 0.06  | None | 0.44       | 0.00    |
| prob03.pddl | <b>0.00</b> | 0.01   | 0.09  | None | None       | 0.01    |
| prob04.pddl | <b>0.00</b> | 0.01   | 0.13  | None | None       | 0.00    |
| prob05.pddl | <b>0.00</b> | 0.02   | 0.20  | None | 2.40       | 0.01    |



## gripper

| Avg dur     | gao | default     | marked | naive | psvn        | psvn_split | watched |
|-------------|-----|-------------|--------|-------|-------------|------------|---------|
| prob01.pddl |     | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00       | 0.00    |
| prob02.pddl |     | <b>0.00</b> | 0.00   | 0.00  | 0.00        | 0.00       | 0.00    |
| prob03.pddl |     | <b>0.00</b> | 0.00   | 0.00  | 0.00        | 0.00       | 0.00    |
| prob04.pddl |     | <b>0.00</b> | 0.00   | 0.00  | 0.00        | 0.00       | 0.00    |
| prob05.pddl |     | <b>0.00</b> | 0.00   | 0.00  | None        | 0.00       | 0.00    |
| prob06.pddl |     | <b>0.00</b> | 0.00   | 0.00  | None        | 0.00       | 0.00    |
| prob07.pddl |     | <b>0.00</b> | 0.00   | 0.00  | None        | 0.00       | 0.00    |
| prob08.pddl |     | <b>0.00</b> | 0.00   | 0.00  | None        | 0.00       | 0.00    |
| prob09.pddl |     | <b>0.00</b> | 0.00   | 0.00  | None        | 0.00       | 0.00    |
| prob10.pddl |     | <b>0.00</b> | 0.00   | 0.00  | None        | 0.00       | 0.01    |
| prob11.pddl |     | <b>0.00</b> | 0.00   | 0.00  | None        | 0.00       | 0.01    |
| prob12.pddl |     | <b>0.00</b> | 0.00   | 0.00  | None        | 0.00       | 0.01    |
| prob13.pddl |     | <b>0.00</b> | 0.00   | 0.00  | None        | 0.01       | 0.01    |
| prob14.pddl |     | <b>0.00</b> | 0.00   | 0.00  | None        | 0.01       | 0.01    |
| prob15.pddl |     | <b>0.00</b> | 0.00   | 0.01  | None        | 0.01       | 0.01    |
| prob16.pddl |     | <b>0.00</b> | 0.00   | 0.01  | None        | 0.01       | 0.01    |
| prob17.pddl |     | <b>0.00</b> | 0.00   | 0.01  | None        | 0.01       | 0.01    |
| prob18.pddl |     | <b>0.00</b> | 0.00   | 0.01  | None        | 0.01       | 0.01    |
| prob19.pddl |     | <b>0.00</b> | 0.00   | 0.01  | None        | 0.01       | 0.01    |
| prob20.pddl |     | <b>0.00</b> | 0.00   | 0.01  | None        | 0.01       | 0.01    |

## hiking-opt14-strips

| Avg dur gao        | default     | marked | naive | psvn        | psvn_split  | watched |
|--------------------|-------------|--------|-------|-------------|-------------|---------|
| ptestng-1-2-3.pddl | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| ptestng-1-2-4.pddl | <b>0.00</b> | 0.00   | 0.00  | 0.00        | 0.00        | 0.00    |
| ptestng-1-2-5.pddl | <b>0.00</b> | 0.00   | 0.01  | 0.00        | 0.00        | 0.00    |
| ptestng-1-2-7.pddl | <b>0.00</b> | 0.00   | 0.01  | 0.00        | 0.00        | 0.00    |
| ptestng-1-2-8.pddl | <b>0.00</b> | 0.00   | 0.02  | 0.00        | 0.00        | 0.00    |
| ptestng-2-2-3.pddl | 0.00        | 0.00   | 0.01  | 0.00        | <b>0.00</b> | 0.01    |
| ptestng-2-2-4.pddl | <b>0.00</b> | 0.01   | 0.03  | None        | 0.01        | 0.01    |
| ptestng-2-2-5.pddl | <b>0.00</b> | 0.01   | 0.05  | None        | 0.02        | 0.01    |
| ptestng-2-2-6.pddl | <b>0.00</b> | 0.01   | 0.05  | None        | 0.03        | 0.01    |
| ptestng-2-2-7.pddl | <b>0.00</b> | 0.02   | 0.09  | None        | None        | 0.02    |
| ptestng-2-2-8.pddl | <b>0.00</b> | 0.01   | 0.08  | None        | None        | 0.01    |
| ptestng-2-3-4.pddl | <b>0.00</b> | 0.01   | 0.04  | None        | 0.01        | 0.01    |
| ptestng-2-3-5.pddl | <b>0.00</b> | 0.01   | 0.05  | None        | 0.02        | 0.01    |
| ptestng-2-3-6.pddl | <b>0.00</b> | 0.02   | 0.10  | None        | None        | 0.02    |
| ptestng-2-3-7.pddl | <b>0.00</b> | 0.02   | 0.11  | None        | None        | 0.02    |
| ptestng-2-4-3.pddl | <b>0.00</b> | 0.01   | 0.03  | 0.00        | 0.01        | 0.01    |
| ptestng-2-4-4.pddl | <b>0.00</b> | 0.01   | 0.05  | None        | 0.01        | 0.01    |
| ptestng-2-4-5.pddl | <b>0.00</b> | 0.02   | 0.07  | None        | None        | 0.01    |
| ptestng-2-4-6.pddl | <b>0.00</b> | 0.02   | 0.09  | None        | None        | 0.01    |
| ptestng-2-4-7.pddl | <b>0.00</b> | 0.03   | 0.18  | None        | None        | 0.04    |

## logistics00

| Avg dur gao             | default     | marked | naive | psvn | psvn_split | watched |
|-------------------------|-------------|--------|-------|------|------------|---------|
| probLOGISTICS-4-0.pddl  | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.00       | 0.00    |
| probLOGISTICS-4-1.pddl  | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.00       | 0.00    |
| probLOGISTICS-4-2.pddl  | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.00       | 0.00    |
| probLOGISTICS-5-0.pddl  | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.00       | 0.00    |
| probLOGISTICS-5-1.pddl  | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.00       | 0.00    |
| probLOGISTICS-5-2.pddl  | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.00       | 0.00    |
| probLOGISTICS-6-0.pddl  | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.00       | 0.00    |
| probLOGISTICS-6-1.pddl  | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.00       | 0.00    |
| probLOGISTICS-6-2.pddl  | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.00       | 0.00    |
| probLOGISTICS-6-9.pddl  | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.00       | 0.00    |
| probLOGISTICS-7-0.pddl  | <b>0.00</b> | 0.00   | 0.00  | None | 0.00       | 0.00    |
| probLOGISTICS-7-1.pddl  | <b>0.00</b> | 0.00   | 0.00  | None | 0.00       | 0.00    |
| probLOGISTICS-8-0.pddl  | <b>0.00</b> | 0.00   | 0.00  | None | 0.00       | 0.00    |
| probLOGISTICS-8-1.pddl  | <b>0.00</b> | 0.00   | 0.00  | None | 0.00       | 0.00    |
| probLOGISTICS-9-0.pddl  | <b>0.00</b> | 0.00   | 0.00  | None | 0.00       | 0.00    |
| probLOGISTICS-9-1.pddl  | <b>0.00</b> | 0.00   | 0.00  | None | 0.00       | 0.00    |
| probLOGISTICS-10-0.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.00    |
| probLOGISTICS-10-1.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.00    |
| probLOGISTICS-11-0.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.00    |
| probLOGISTICS-11-1.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.01    |
| probLOGISTICS-12-0.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.00    |
| probLOGISTICS-12-1.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.00    |
| probLOGISTICS-13-0.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.01    |
| probLOGISTICS-13-1.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.01    |
| probLOGISTICS-14-0.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.01    |
| probLOGISTICS-14-1.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.01    |
| probLOGISTICS-15-0.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.01    |
| probLOGISTICS-15-1.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.01    |

## logistics98

| Avg dur gao | default     | marked      | naive | psvn | psvn_split | watched     |
|-------------|-------------|-------------|-------|------|------------|-------------|
| prob01.pddl | 0.00        | <b>0.00</b> | 0.01  | None | 0.00       | 0.00        |
| prob02.pddl | <b>0.00</b> | 0.00        | 0.02  | None | 0.01       | 0.01        |
| prob03.pddl | <b>0.01</b> | 0.01        | 0.03  | None | 0.02       | 0.01        |
| prob04.pddl | <b>0.01</b> | 0.01        | 0.05  | None | 0.03       | 0.02        |
| prob05.pddl | 0.00        | <b>0.00</b> | 0.01  | None | 0.01       | 0.00        |
| prob06.pddl | 0.01        | <b>0.01</b> | 0.06  | None | 0.04       | 0.01        |
| prob07.pddl | <b>0.00</b> | 0.01        | 0.03  | None | 0.01       | 0.01        |
| prob08.pddl | 0.01        | <b>0.01</b> | 0.06  | None | 0.04       | 0.02        |
| prob09.pddl | 0.02        | <b>0.02</b> | 0.10  | None | 0.09       | 0.02        |
| prob10.pddl | 0.01        | <b>0.01</b> | 0.10  | None | 0.08       | 0.02        |
| prob11.pddl | 0.01        | <b>0.01</b> | 0.03  | None | 0.02       | 0.01        |
| prob12.pddl | <b>0.02</b> | 0.03        | 0.16  | None | 0.19       | 0.04        |
| prob13.pddl | <b>0.02</b> | 0.03        | 0.19  | None | 0.16       | 0.03        |
| prob14.pddl | 0.04        | <b>0.02</b> | 0.14  | None | 0.22       | 0.04        |
| prob15.pddl | 0.01        | <b>0.00</b> | 0.03  | None | 0.03       | 0.01        |
| prob16.pddl | 0.02        | <b>0.02</b> | 0.10  | None | 0.10       | 0.04        |
| prob17.pddl | 0.02        | <b>0.01</b> | 0.06  | None | 0.05       | 0.03        |
| prob18.pddl | <b>0.03</b> | 0.05        | 0.35  | None | None       | 0.04        |
| prob19.pddl | <b>0.03</b> | 0.03        | 0.22  | None | 0.35       | 0.04        |
| prob20.pddl | <b>0.02</b> | 0.04        | 0.29  | None | None       | 0.04        |
| prob21.pddl | <b>0.03</b> | 0.04        | 0.27  | None | 0.37       | 0.05        |
| prob22.pddl | 0.10        | <b>0.09</b> | 0.87  | None | None       | 0.09        |
| prob23.pddl | 0.02        | <b>0.01</b> | 0.07  | None | None       | 0.02        |
| prob24.pddl | <b>0.02</b> | 0.03        | 0.24  | None | 0.36       | 0.06        |
| prob25.pddl | <b>0.03</b> | 0.08        | 0.70  | None | None       | 0.06        |
| prob26.pddl | 0.10        | <b>0.06</b> | 0.40  | None | None       | 0.09        |
| prob27.pddl | <b>0.03</b> | 0.05        | 0.36  | None | None       | 0.04        |
| prob28.pddl | <b>0.11</b> | 0.24        | 3.54  | None | None       | 0.14        |
| prob29.pddl | 0.08        | 0.08        | 0.94  | None | None       | <b>0.07</b> |
| prob30.pddl | <b>0.05</b> | 0.09        | 0.89  | None | None       | 0.09        |
| prob31.pddl | <b>0.00</b> | 0.00        | 0.00  | 0.00 | 0.00       | 0.00        |
| prob32.pddl | <b>0.00</b> | 0.00        | 0.00  | 0.00 | 0.00       | 0.00        |
| prob33.pddl | <b>0.00</b> | 0.00        | 0.01  | None | 0.01       | 0.00        |
| prob34.pddl | 0.00        | <b>0.00</b> | 0.01  | None | 0.01       | 0.01        |
| prob35.pddl | 0.00        | <b>0.00</b> | 0.01  | None | 0.01       | 0.01        |

# micronic

| Avg dur gao | default     | marked | naive | psvn        | psvn_split  | watched |
|-------------|-------------|--------|-------|-------------|-------------|---------|
| s1-0.pddl   | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| s1-1.pddl   | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| s1-2.pddl   | 0.00        | 0.00   | 0.00  | 0.00        | <b>0.00</b> | 0.00    |
| s1-3.pddl   | 0.00        | 0.00   | 0.00  | 0.00        | <b>0.00</b> | 0.00    |
| s1-4.pddl   | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| s2-0.pddl   | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| s2-1.pddl   | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| s2-2.pddl   | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| s2-3.pddl   | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| s2-4.pddl   | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| s3-0.pddl   | <b>0.00</b> | 0.00   | 0.00  | 0.00        | 0.00        | 0.00    |
| s3-1.pddl   | <b>0.00</b> | 0.00   | 0.00  | 0.00        | 0.00        | 0.00    |
| s3-2.pddl   | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| s3-3.pddl   | <b>0.00</b> | 0.00   | 0.00  | 0.00        | 0.00        | 0.00    |
| s3-4.pddl   | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| s4-0.pddl   | <b>0.00</b> | 0.00   | 0.00  | 0.00        | 0.00        | 0.00    |
| s4-1.pddl   | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| s4-2.pddl   | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| s4-3.pddl   | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| s4-4.pddl   | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| s5-0.pddl   | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| s5-1.pddl   | <b>0.00</b> | 0.00   | 0.00  | 0.00        | 0.00        | 0.00    |
| s5-2.pddl   | <b>0.00</b> | 0.00   | 0.00  | 0.00        | 0.00        | 0.00    |
| s5-3.pddl   | <b>0.00</b> | 0.00   | 0.00  | 0.00        | 0.00        | 0.00    |
| s5-4.pddl   | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| s6-0.pddl   | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| s6-1.pddl   | <b>0.00</b> | 0.00   | 0.00  | 0.00        | 0.00        | 0.00    |
| s6-2.pddl   | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| s6-3.pddl   | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| s6-4.pddl   | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| s7-0.pddl   | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| s7-1.pddl   | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| s7-2.pddl   | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| s7-3.pddl   | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| s7-4.pddl   | <b>0.00</b> | 0.00   | 0.00  | 0.00        | 0.00        | 0.00    |
| s8-0.pddl   | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| s8-1.pddl   | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| s8-2.pddl   | <b>0.00</b> | 0.00   | 0.00  | 0.00        | 0.00        | 0.00    |
| s8-3.pddl   | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| s8-4.pddl   | <b>0.00</b> | 0.00   | 0.00  | 0.00        | 0.00        | 0.00    |
| s9-0.pddl   | <b>0.00</b> | 0.00   | 0.00  | 0.00        | 0.00        | 0.00    |
| s9-1.pddl   | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| s9-2.pddl   | <b>0.00</b> | 0.00   | 0.00  | 0.00        | 0.00        | 0.00    |
| s9-3.pddl   | <b>0.00</b> | 0.00   | 0.00  | 0.00        | 0.00        | 0.00    |

## movie

| Avg dur gao | default     | marked      | naive       | psvn | psvn_split | watched |
|-------------|-------------|-------------|-------------|------|------------|---------|
| prob01.pddl | <b>0.00</b> | 0.00        | 0.00        | None | None       | None    |
| prob02.pddl | <b>0.00</b> | 0.00        | 0.00        | None | None       | None    |
| prob03.pddl | 0.00        | 0.00        | <b>0.00</b> | None | None       | None    |
| prob04.pddl | <b>0.00</b> | 0.00        | 0.00        | None | None       | None    |
| prob05.pddl | <b>0.00</b> | 0.00        | 0.00        | None | None       | None    |
| prob06.pddl | 0.00        | <b>0.00</b> | 0.00        | None | None       | None    |
| prob07.pddl | <b>0.00</b> | 0.00        | 0.00        | None | None       | None    |
| prob08.pddl | 0.00        | <b>0.00</b> | 0.00        | None | None       | None    |
| prob09.pddl | 0.00        | <b>0.00</b> | 0.00        | None | None       | None    |
| prob10.pddl | 0.00        | <b>0.00</b> | 0.00        | None | None       | None    |
| prob11.pddl | <b>0.00</b> | 0.00        | 0.00        | None | None       | None    |
| prob12.pddl | 0.00        | <b>0.00</b> | 0.00        | None | None       | None    |
| prob13.pddl | <b>0.00</b> | 0.00        | 0.00        | None | None       | None    |
| prob14.pddl | 0.00        | <b>0.00</b> | 0.00        | None | None       | None    |
| prob15.pddl | 0.00        | <b>0.00</b> | 0.00        | None | None       | None    |
| prob16.pddl | <b>0.00</b> | 0.00        | 0.00        | None | None       | None    |
| prob17.pddl | <b>0.00</b> | 0.00        | 0.00        | None | None       | None    |
| prob18.pddl | <b>0.00</b> | 0.00        | 0.00        | None | None       | None    |
| prob19.pddl | 0.00        | <b>0.00</b> | 0.00        | None | None       | None    |
| prob20.pddl | <b>0.00</b> | 0.00        | 0.00        | None | None       | None    |
| prob21.pddl | <b>0.00</b> | 0.00        | 0.00        | None | None       | None    |
| prob22.pddl | 0.00        | <b>0.00</b> | 0.00        | None | None       | None    |
| prob23.pddl | 0.00        | <b>0.00</b> | 0.00        | None | None       | None    |
| prob24.pddl | 0.00        | <b>0.00</b> | 0.00        | None | None       | None    |
| prob25.pddl | 0.00        | <b>0.00</b> | 0.00        | None | None       | None    |
| prob26.pddl | 0.00        | <b>0.00</b> | 0.00        | None | None       | None    |
| prob27.pddl | 0.00        | <b>0.00</b> | 0.00        | None | None       | None    |
| prob28.pddl | 0.00        | <b>0.00</b> | 0.00        | None | None       | None    |
| prob29.pddl | 0.00        | <b>0.00</b> | 0.00        | None | None       | None    |
| prob30.pddl | 0.00        | <b>0.00</b> | 0.00        | None | None       | None    |

# mprime

| Avg dur gao | default     | marked | naive | psvn | psvn_split | watched |
|-------------|-------------|--------|-------|------|------------|---------|
| prob01.pddl | <b>0.00</b> | 0.00   | 0.02  | None | 0.00       | 0.01    |
| prob02.pddl | <b>0.00</b> | 0.01   | 0.07  | None | 0.05       | 0.01    |
| prob03.pddl | <b>0.00</b> | 0.01   | 0.05  | None | 0.04       | 0.01    |
| prob04.pddl | <b>0.00</b> | 0.01   | 0.02  | None | 0.01       | 0.01    |
| prob05.pddl | <b>0.00</b> | 0.01   | 0.05  | None | 0.04       | 0.01    |
| prob06.pddl | <b>0.01</b> | 0.08   | 0.55  | None | 0.22       | 0.05    |
| prob07.pddl | <b>0.00</b> | 0.01   | 0.03  | None | 0.02       | 0.01    |
| prob08.pddl | <b>0.01</b> | 0.03   | 0.15  | None | 0.10       | 0.03    |
| prob09.pddl | <b>0.00</b> | 0.01   | 0.05  | None | 0.02       | 0.01    |
| prob10.pddl | <b>0.02</b> | 0.16   | 1.09  | None | None       | 0.06    |
| prob11.pddl | <b>0.00</b> | 0.01   | 0.03  | None | 0.01       | 0.01    |
| prob12.pddl | <b>0.00</b> | 0.01   | 0.04  | None | 0.01       | 0.01    |
| prob13.pddl | <b>0.02</b> | 0.14   | 1.44  | None | None       | 0.05    |
| prob14.pddl | <b>0.03</b> | 0.20   | 1.88  | None | None       | 0.07    |
| prob15.pddl | <b>0.02</b> | 0.15   | 0.94  | None | 0.40       | 0.05    |
| prob16.pddl | <b>0.01</b> | 0.02   | 0.11  | None | 0.09       | 0.02    |
| prob17.pddl | <b>0.01</b> | 0.08   | 0.37  | None | 0.23       | 0.04    |
| prob18.pddl | <b>0.01</b> | 0.11   | 0.46  | None | 0.37       | 0.05    |
| prob19.pddl | <b>0.01</b> | 0.04   | 0.23  | None | 0.19       | 0.02    |
| prob20.pddl | <b>0.01</b> | 0.15   | 1.33  | None | 0.50       | 0.05    |
| prob21.pddl | <b>0.01</b> | 0.04   | 0.22  | None | 0.42       | 0.02    |
| prob22.pddl | <b>0.02</b> | 0.18   | 1.16  | None | None       | 0.06    |
| prob23.pddl | <b>0.01</b> | 0.07   | 0.34  | None | 0.23       | 0.04    |
| prob24.pddl | <b>0.01</b> | 0.08   | 0.38  | None | None       | 0.03    |
| prob25.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.00    |
| prob26.pddl | <b>0.00</b> | 0.02   | 0.08  | None | 0.04       | 0.01    |
| prob27.pddl | <b>0.00</b> | 0.02   | 0.10  | None | 0.05       | 0.01    |
| prob28.pddl | <b>0.00</b> | 0.00   | 0.02  | None | 0.01       | 0.01    |
| prob29.pddl | <b>0.00</b> | 0.01   | 0.07  | None | 0.02       | 0.01    |
| prob30.pddl | <b>0.01</b> | 0.08   | 0.39  | None | 0.28       | 0.02    |
| prob31.pddl | <b>0.01</b> | 0.02   | 0.08  | None | 0.09       | 0.01    |
| prob32.pddl | <b>0.00</b> | 0.01   | 0.03  | None | 0.01       | 0.01    |
| prob33.pddl | <b>0.01</b> | 0.06   | 0.28  | None | 0.25       | 0.03    |
| prob34.pddl | <b>0.00</b> | 0.02   | 0.08  | None | 0.06       | 0.01    |
| prob35.pddl | <b>0.00</b> | 0.00   | 0.02  | None | 0.01       | 0.01    |

## mystery

| Avg dur gao | default     | marked | naive | psvn | psvn_split | watched |
|-------------|-------------|--------|-------|------|------------|---------|
| prob01.pddl | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.00       | 0.00    |
| prob02.pddl | <b>0.00</b> | 0.01   | 0.06  | None | 0.05       | 0.01    |
| prob03.pddl | <b>0.00</b> | 0.01   | 0.03  | None | 0.02       | 0.01    |
| prob04.pddl | <b>0.00</b> | 0.00   | 0.00  | None | 0.00       | 0.00    |
| prob05.pddl | <b>0.00</b> | 0.01   | 0.04  | None | 0.02       | 0.01    |
| prob06.pddl | <b>0.01</b> | 0.03   | 0.14  | None | 0.19       | 0.01    |
| prob07.pddl | nan         | nan    | nan   | nan  | nan        | nan     |
| prob08.pddl | <b>0.00</b> | 0.01   | 0.04  | None | 0.07       | 0.01    |
| prob09.pddl | <b>0.00</b> | 0.01   | 0.04  | None | 0.02       | 0.01    |
| prob10.pddl | <b>0.01</b> | 0.10   | 0.58  | None | None       | 0.03    |
| prob11.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.00    |
| prob12.pddl | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.00    |
| prob13.pddl | <b>0.02</b> | 0.05   | 0.26  | None | None       | 0.03    |
| prob14.pddl | <b>0.02</b> | 0.12   | 1.07  | None | None       | 0.03    |
| prob15.pddl | <b>0.01</b> | 0.05   | 0.23  | None | 0.21       | 0.02    |
| prob16.pddl | <b>0.00</b> | 0.01   | 0.03  | None | 0.02       | 0.01    |
| prob17.pddl | <b>0.01</b> | 0.04   | 0.22  | None | 0.22       | 0.02    |
| prob18.pddl | nan         | nan    | nan   | nan  | nan        | nan     |
| prob19.pddl | <b>0.01</b> | 0.02   | 0.10  | None | 0.09       | 0.01    |
| prob20.pddl | <b>0.00</b> | 0.02   | 0.10  | None | 0.04       | 0.01    |
| prob21.pddl | <b>0.01</b> | 0.02   | 0.08  | None | 0.12       | 0.02    |
| prob22.pddl | <b>0.01</b> | 0.05   | 0.26  | None | 0.25       | 0.03    |
| prob23.pddl | <b>0.01</b> | 0.02   | 0.11  | None | 0.10       | 0.01    |
| prob24.pddl | <b>0.00</b> | 0.01   | 0.06  | None | 0.06       | 0.02    |
| prob25.pddl | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.00       | 0.00    |
| prob26.pddl | <b>0.00</b> | 0.00   | 0.02  | None | 0.01       | 0.01    |
| prob27.pddl | <b>0.00</b> | 0.00   | 0.02  | None | 0.01       | 0.01    |
| prob28.pddl | <b>0.00</b> | 0.00   | 0.00  | None | 0.00       | 0.00    |
| prob29.pddl | <b>0.00</b> | 0.00   | 0.02  | None | 0.01       | 0.01    |
| prob30.pddl | <b>0.00</b> | 0.01   | 0.06  | None | 0.03       | 0.01    |



# nomystery-opt11-strips

| Avg dur  | gao | default     | marked | naive | psvn | psvn_split | watched |
|----------|-----|-------------|--------|-------|------|------------|---------|
| p01.pddl |     | <b>0.00</b> | 0.00   | 0.01  | 0.00 | 0.00       | 0.00    |
| p02.pddl |     | <b>0.00</b> | 0.00   | 0.02  | 0.00 | 0.00       | 0.00    |
| p03.pddl |     | <b>0.00</b> | 0.00   | 0.01  | 0.00 | 0.00       | 0.00    |
| p04.pddl |     | <b>0.00</b> | 0.00   | 0.03  | None | 0.01       | 0.00    |
| p05.pddl |     | <b>0.00</b> | 0.01   | 0.05  | None | 0.02       | 0.00    |
| p06.pddl |     | <b>0.00</b> | 0.01   | 0.08  | None | 0.04       | 0.00    |
| p07.pddl |     | <b>0.00</b> | 0.01   | 0.08  | None | 0.04       | 0.00    |
| p08.pddl |     | <b>0.00</b> | 0.01   | 0.09  | None | 0.04       | 0.01    |
| p09.pddl |     | <b>0.00</b> | 0.01   | 0.12  | None | 0.04       | 0.01    |
| p10.pddl |     | <b>0.00</b> | 0.01   | 0.09  | None | 0.04       | 0.01    |
| p11.pddl |     | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.00       | 0.00    |
| p12.pddl |     | <b>0.00</b> | 0.00   | 0.01  | 0.00 | 0.00       | 0.00    |
| p13.pddl |     | <b>0.00</b> | 0.00   | 0.01  | 0.00 | 0.00       | 0.00    |
| p14.pddl |     | <b>0.00</b> | 0.00   | 0.02  | None | 0.01       | 0.00    |
| p15.pddl |     | <b>0.00</b> | 0.00   | 0.04  | None | 0.02       | 0.00    |
| p16.pddl |     | <b>0.00</b> | 0.01   | 0.06  | None | 0.02       | 0.00    |
| p17.pddl |     | <b>0.00</b> | 0.01   | 0.06  | None | 0.02       | 0.01    |
| p18.pddl |     | <b>0.00</b> | 0.01   | 0.07  | None | 0.04       | 0.01    |
| p19.pddl |     | <b>0.00</b> | 0.01   | 0.09  | None | 0.05       | 0.01    |
| p20.pddl |     | <b>0.00</b> | 0.01   | 0.06  | None | 0.02       | 0.01    |

## openstacks-opt08-strips

| Avg dur gao | default     | marked | naive | psvn | psvn_split | watched |
|-------------|-------------|--------|-------|------|------------|---------|
| p01.pddl    | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.00       | 0.00    |
| p02.pddl    | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.00       | 0.00    |
| p03.pddl    | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.00       | 0.00    |
| p04.pddl    | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.00       | 0.00    |
| p05.pddl    | <b>0.00</b> | 0.00   | 0.00  | None | 0.01       | 0.00    |
| p06.pddl    | <b>0.00</b> | 0.00   | 0.00  | None | 0.01       | 0.00    |
| p07.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.00    |
| p08.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.01    |
| p09.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.01    |
| p10.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.01    |
| p11.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.01    |
| p12.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.04       | 0.01    |
| p13.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.03       | 0.01    |
| p14.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.03       | 0.01    |
| p15.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.03       | 0.01    |
| p16.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.03       | 0.01    |
| p17.pddl    | <b>0.00</b> | 0.00   | 0.02  | None | 0.03       | 0.01    |
| p18.pddl    | <b>0.00</b> | 0.00   | 0.02  | None | 0.11       | 0.01    |
| p19.pddl    | <b>0.00</b> | 0.00   | 0.02  | None | 0.03       | 0.01    |
| p20.pddl    | <b>0.00</b> | 0.00   | 0.02  | None | 0.03       | 0.01    |
| p21.pddl    | <b>0.00</b> | 0.00   | 0.02  | None | 0.06       | 0.01    |
| p22.pddl    | <b>0.00</b> | 0.01   | 0.02  | None | 0.13       | 0.02    |
| p23.pddl    | <b>0.00</b> | 0.01   | 0.03  | None | 0.07       | 0.02    |
| p24.pddl    | <b>0.00</b> | 0.01   | 0.03  | None | 0.08       | 0.02    |
| p25.pddl    | <b>0.00</b> | 0.01   | 0.03  | None | 0.07       | 0.02    |
| p26.pddl    | <b>0.00</b> | 0.01   | 0.03  | None | 0.08       | 0.02    |
| p27.pddl    | <b>0.00</b> | 0.01   | 0.03  | None | 0.08       | 0.02    |
| p28.pddl    | <b>0.00</b> | 0.01   | 0.04  | None | 0.16       | 0.02    |
| p29.pddl    | <b>0.00</b> | 0.01   | 0.04  | None | 0.17       | 0.02    |
| p30.pddl    | <b>0.00</b> | 0.01   | 0.04  | None | 0.17       | 0.02    |

## openstacks-opt11-strips

| Avg dur gao | default     | marked | naive | psvn | psvn_split | watched |
|-------------|-------------|--------|-------|------|------------|---------|
| p01.pddl    | <b>0.00</b> | 0.00   | 0.00  | None | 0.01       | 0.00    |
| p02.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.00    |
| p03.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.00    |
| p04.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.01    |
| p05.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.01    |
| p06.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.01    |
| p07.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.04       | 0.01    |
| p08.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.03       | 0.01    |
| p09.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.03       | 0.01    |
| p10.pddl    | <b>0.00</b> | 0.01   | 0.02  | None | 0.15       | 0.02    |
| p11.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.03       | 0.01    |
| p12.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.03       | 0.01    |
| p13.pddl    | <b>0.00</b> | 0.00   | 0.02  | None | 0.03       | 0.01    |
| p14.pddl    | <b>0.00</b> | 0.00   | 0.02  | None | 0.18       | 0.01    |
| p15.pddl    | <b>0.00</b> | 0.00   | 0.02  | None | 0.03       | 0.01    |
| p16.pddl    | <b>0.00</b> | 0.00   | 0.02  | None | 0.07       | 0.01    |
| p17.pddl    | <b>0.00</b> | 0.00   | 0.02  | None | 0.03       | 0.01    |
| p18.pddl    | <b>0.00</b> | 0.01   | 0.03  | None | 0.07       | 0.02    |
| p19.pddl    | <b>0.00</b> | 0.01   | 0.03  | None | 0.08       | 0.02    |
| p20.pddl    | <b>0.00</b> | 0.01   | 0.03  | None | 0.07       | 0.02    |

## openstacks-opt14-strips

| Avg dur    | gao | default     | marked | naive | psvn | psvn_split | watched |
|------------|-----|-------------|--------|-------|------|------------|---------|
| p20_1.pddl |     | <b>0.00</b> | 0.00   | 0.01  | None | 0.03       | 0.01    |
| p20_2.pddl |     | <b>0.00</b> | 0.00   | 0.01  | None | 0.03       | 0.01    |
| p20_3.pddl |     | <b>0.00</b> | 0.00   | 0.01  | None | 0.03       | 0.01    |
| p25_1.pddl |     | <b>0.00</b> | 0.01   | 0.02  | None | 0.07       | 0.01    |
| p25_3.pddl |     | <b>0.00</b> | 0.00   | 0.02  | None | 0.08       | 0.01    |
| p30_1.pddl |     | <b>0.00</b> | 0.01   | 0.03  | None | 0.08       | 0.02    |
| p30_2.pddl |     | <b>0.00</b> | 0.01   | 0.03  | None | 0.07       | 0.02    |
| p30_3.pddl |     | <b>0.00</b> | 0.01   | 0.03  | None | 0.16       | 0.02    |
| p35_1.pddl |     | <b>0.00</b> | 0.01   | 0.04  | None | 0.18       | 0.02    |
| p35_2.pddl |     | <b>0.00</b> | 0.01   | 0.04  | None | 0.18       | 0.02    |
| p35_3.pddl |     | <b>0.00</b> | 0.01   | 0.04  | None | 0.17       | 0.02    |
| p40_1.pddl |     | <b>0.00</b> | 0.01   | 0.06  | None | 0.19       | 0.03    |
| p40_2.pddl |     | <b>0.00</b> | 0.01   | 0.05  | None | 0.19       | 0.03    |
| p40_3.pddl |     | <b>0.00</b> | 0.01   | 0.05  | None | 0.66       | 0.03    |
| p45_1.pddl |     | <b>0.00</b> | 0.01   | 0.07  | None | 0.21       | 0.03    |
| p45_2.pddl |     | <b>0.00</b> | 0.01   | 0.07  | None | 0.21       | 0.03    |
| p45_3.pddl |     | <b>0.00</b> | 0.01   | 0.07  | None | 0.42       | 0.03    |
| p50_1.pddl |     | <b>0.00</b> | 0.01   | 0.08  | None | 0.46       | 0.04    |
| p50_2.pddl |     | <b>0.00</b> | 0.02   | 0.09  | None | 0.46       | 0.04    |
| p50_3.pddl |     | <b>0.00</b> | 0.01   | 0.08  | None | 0.46       | 0.04    |

## openstacks-strips

| Avg dur gao | default     | marked      | naive | psvn | psvn_split | watched |
|-------------|-------------|-------------|-------|------|------------|---------|
| p01.pddl    | <b>0.00</b> | 0.00        | 0.00  | 0.00 | 0.00       | 0.00    |
| p02.pddl    | <b>0.00</b> | 0.00        | 0.00  | 0.00 | 0.00       | 0.00    |
| p03.pddl    | <b>0.00</b> | 0.00        | 0.00  | 0.00 | 0.00       | 0.00    |
| p04.pddl    | <b>0.00</b> | 0.00        | 0.00  | 0.00 | 0.00       | 0.00    |
| p05.pddl    | <b>0.00</b> | 0.00        | 0.00  | 0.00 | 0.00       | 0.00    |
| p06.pddl    | <b>0.00</b> | 0.00        | 0.01  | None | 0.00       | 0.01    |
| p07.pddl    | <b>0.00</b> | 0.00        | 0.01  | None | 0.00       | 0.01    |
| p08.pddl    | <b>0.01</b> | 0.01        | 0.02  | None | 0.08       | 0.05    |
| p09.pddl    | <b>0.00</b> | 0.01        | 0.02  | None | 0.08       | 0.05    |
| p10.pddl    | <b>0.00</b> | 0.01        | 0.03  | None | 0.11       | 0.04    |
| p11.pddl    | <b>0.00</b> | 0.01        | 0.03  | None | 0.11       | 0.04    |
| p12.pddl    | <b>0.00</b> | 0.01        | 0.03  | None | 0.11       | 0.04    |
| p13.pddl    | <b>0.00</b> | 0.01        | 0.03  | None | 0.11       | 0.04    |
| p14.pddl    | <b>0.00</b> | 0.01        | 0.03  | None | 0.11       | 0.04    |
| p15.pddl    | <b>0.00</b> | 0.01        | 0.03  | None | 0.11       | 0.04    |
| p16.pddl    | <b>0.00</b> | 0.01        | 0.03  | None | 0.11       | 0.04    |
| p17.pddl    | <b>0.01</b> | 0.01        | 0.04  | None | 0.20       | 0.06    |
| p18.pddl    | 0.02        | <b>0.01</b> | 0.08  | None | 0.53       | 0.18    |
| p19.pddl    | <b>0.01</b> | 0.01        | 0.05  | None | 0.21       | 0.06    |
| p20.pddl    | <b>0.01</b> | 0.01        | 0.07  | None | None       | 0.09    |
| p21.pddl    | <b>0.01</b> | 0.01        | 0.07  | None | None       | 0.08    |
| p22.pddl    | <b>0.00</b> | 0.01        | 0.07  | None | None       | 0.08    |
| p23.pddl    | <b>0.00</b> | 0.01        | 0.06  | None | None       | 0.08    |
| p24.pddl    | <b>0.01</b> | 0.04        | 0.19  | None | None       | 0.22    |
| p25.pddl    | <b>0.01</b> | 0.03        | 0.19  | None | None       | 0.21    |
| p26.pddl    | <b>0.02</b> | 0.03        | 0.18  | None | 1.35       | 0.21    |
| p27.pddl    | <b>0.04</b> | 0.06        | 0.39  | None | None       | 0.48    |
| p28.pddl    | <b>0.04</b> | 0.11        | 0.92  | None | None       | 0.84    |
| p29.pddl    | <b>0.05</b> | 0.11        | 0.84  | None | None       | 0.83    |
| p30.pddl    | <b>0.07</b> | 0.09        | 1.01  | None | None       | 0.85    |

# organic-synthesis-opt18-strips

| Avg dur  | gao | default     | marked | naive       | psvn        | psvn_split | watched |
|----------|-----|-------------|--------|-------------|-------------|------------|---------|
| p01.pddl |     | <b>0.00</b> | 0.00   | 0.01        | 0.00        | 0.00       | 0.01    |
| p02.pddl |     | 0.00        | 0.01   | 0.02        | <b>0.00</b> | 0.00       | 0.01    |
| p03.pddl |     | <b>0.00</b> | 0.08   | 0.16        | 0.00        | 0.01       | 0.06    |
| p04.pddl |     | None        | None   | None        | None        | None       | None    |
| p05.pddl |     | None        | None   | None        | None        | None       | None    |
| p06.pddl |     | None        | None   | None        | None        | None       | None    |
| p07.pddl |     | 0.00        | 0.00   | <b>0.00</b> | 0.00        | 0.00       | 0.00    |
| p08.pddl |     | None        | None   | None        | None        | None       | None    |
| p09.pddl |     | <b>0.01</b> | 0.09   | 0.49        | None        | None       | 0.07    |
| p10.pddl |     | <b>0.00</b> | 0.09   | 0.49        | None        | None       | 0.07    |
| p11.pddl |     | None        | None   | None        | None        | None       | None    |
| p12.pddl |     | None        | None   | None        | None        | None       | None    |
| p13.pddl |     | None        | None   | None        | None        | None       | None    |
| p14.pddl |     | <b>0.00</b> | 0.04   | 0.17        | None        | None       | 0.09    |
| p15.pddl |     | None        | None   | None        | None        | None       | None    |
| p16.pddl |     | None        | None   | None        | None        | None       | None    |
| p17.pddl |     | None        | None   | None        | None        | None       | None    |
| p18.pddl |     | None        | None   | None        | None        | None       | None    |
| p19.pddl |     | None        | None   | None        | None        | None       | None    |
| p20.pddl |     | None        | None   | None        | None        | None       | None    |

# organic-synthesis-split-opt18-strips

| Avg dur  | gao | default     | marked | naive | psvn | psvn_split | watched |
|----------|-----|-------------|--------|-------|------|------------|---------|
| p01.pddl |     | <b>0.00</b> | 0.01   | 0.03  | None | None       | 0.15    |
| p02.pddl |     | <b>0.00</b> | 0.01   | 0.05  | None | None       | 0.20    |
| p03.pddl |     | <b>0.01</b> | 0.05   | 0.33  | None | None       | 2.80    |
| p04.pddl |     | <b>0.01</b> | 0.02   | 0.17  | None | None       | 2.11    |
| p05.pddl |     | <b>0.01</b> | 0.06   | 0.46  | None | None       | 6.19    |
| p06.pddl |     | <b>0.01</b> | 0.07   | 0.70  | None | None       | 4.82    |
| p07.pddl |     | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.02    |
| p08.pddl |     | <b>0.02</b> | 0.13   | 2.25  | None | None       | 11.82   |
| p09.pddl |     | <b>0.00</b> | 0.01   | 0.07  | None | None       | 0.62    |
| p10.pddl |     | <b>0.00</b> | 0.01   | 0.08  | None | None       | 0.64    |
| p11.pddl |     | <b>0.02</b> | 0.05   | 0.35  | None | None       | 6.06    |
| p12.pddl |     | <b>0.02</b> | 0.06   | 0.39  | None | None       | 8.38    |
| p13.pddl |     | <b>0.04</b> | 0.20   | 4.00  | None | None       | 28.11   |
| p14.pddl |     | <b>0.00</b> | 0.01   | 0.13  | None | 1.43       | 0.51    |
| p15.pddl |     | <b>0.04</b> | 0.23   | 4.74  | None | None       | 37.32   |
| p16.pddl |     | <b>0.06</b> | 0.37   | 6.92  | None | None       | 73.73   |
| p17.pddl |     | <b>0.08</b> | 0.53   | 10.16 | None | None       | 107.14  |
| p18.pddl |     | <b>0.06</b> | 0.34   | 6.49  | None | None       | 57.36   |
| p19.pddl |     | <b>0.03</b> | 0.16   | 2.73  | None | None       | 20.18   |
| p20.pddl |     | <b>0.04</b> | 0.20   | 3.66  | None | None       | 25.46   |

# parcprinter-08-strips

| Avg dur gao | default     | marked      | naive | psvn        | psvn_split  | watched |
|-------------|-------------|-------------|-------|-------------|-------------|---------|
| p01.pddl    | 0.00        | 0.00        | 0.00  | <b>0.00</b> | 0.00        | 0.01    |
| p02.pddl    | 0.00        | 0.00        | 0.00  | 0.00        | <b>0.00</b> | 0.01    |
| p03.pddl    | 0.00        | 0.00        | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| p04.pddl    | 0.00        | <b>0.00</b> | 0.00  | None        | 0.01        | 0.01    |
| p05.pddl    | 0.00        | <b>0.00</b> | 0.01  | None        | 0.02        | 0.02    |
| p06.pddl    | 0.00        | <b>0.00</b> | 0.01  | None        | 0.02        | 0.02    |
| p07.pddl    | <b>0.00</b> | 0.00        | 0.01  | None        | 0.05        | 0.03    |
| p08.pddl    | <b>0.00</b> | 0.00        | 0.01  | None        | 0.06        | 0.03    |
| p09.pddl    | <b>0.00</b> | 0.00        | 0.01  | None        | 0.06        | 0.04    |
| p10.pddl    | <b>0.00</b> | 0.00        | 0.01  | None        | 0.06        | 0.04    |
| p11.pddl    | 0.00        | 0.00        | 0.00  | <b>0.00</b> | 0.00        | 0.01    |
| p12.pddl    | 0.00        | <b>0.00</b> | 0.00  | 0.00        | 0.00        | 0.01    |
| p13.pddl    | 0.00        | <b>0.00</b> | 0.01  | None        | 0.02        | 0.01    |
| p14.pddl    | 0.00        | <b>0.00</b> | 0.01  | None        | 0.04        | 0.01    |
| p15.pddl    | 0.00        | <b>0.00</b> | 0.01  | None        | 0.04        | 0.02    |
| p16.pddl    | 0.00        | <b>0.00</b> | 0.01  | None        | 0.05        | 0.02    |
| p17.pddl    | <b>0.01</b> | 0.01        | 0.01  | None        | 0.06        | 0.03    |
| p18.pddl    | <b>0.01</b> | 0.01        | 0.01  | None        | None        | 0.03    |
| p19.pddl    | <b>0.01</b> | 0.01        | 0.02  | None        | 0.12        | 0.04    |
| p20.pddl    | <b>0.01</b> | 0.01        | 0.03  | None        | 0.43        | 0.05    |
| p21.pddl    | 0.00        | 0.00        | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| p22.pddl    | 0.00        | 0.00        | 0.00  | <b>0.00</b> | 0.00        | 0.01    |
| p23.pddl    | <b>0.00</b> | 0.00        | 0.00  | None        | 0.00        | 0.01    |
| p24.pddl    | <b>0.00</b> | 0.00        | 0.00  | None        | 0.01        | 0.01    |
| p25.pddl    | <b>0.00</b> | 0.00        | 0.01  | None        | 0.02        | 0.02    |
| p26.pddl    | <b>0.00</b> | 0.00        | 0.01  | None        | 0.02        | 0.02    |
| p27.pddl    | <b>0.00</b> | 0.00        | 0.01  | None        | 0.03        | 0.02    |
| p28.pddl    | <b>0.00</b> | 0.00        | 0.01  | None        | 0.05        | 0.03    |
| p29.pddl    | <b>0.00</b> | 0.00        | 0.01  | None        | 0.06        | 0.04    |
| p30.pddl    | <b>0.00</b> | 0.01        | 0.01  | None        | 0.06        | 0.04    |



# parcprinter-opt11-strips

| Avg dur  | gao | default     | marked      | naive | psvn        | psvn_split  | watched |
|----------|-----|-------------|-------------|-------|-------------|-------------|---------|
| p01.pddl |     | 0.00        | <b>0.00</b> | 0.00  | 0.00        | 0.00        | 0.01    |
| p02.pddl |     | 0.00        | 0.00        | 0.00  | 0.00        | <b>0.00</b> | 0.01    |
| p03.pddl |     | 0.00        | 0.00        | 0.00  | <b>0.00</b> | 0.00        | 0.01    |
| p04.pddl |     | 0.00        | <b>0.00</b> | 0.00  | None        | 0.01        | 0.01    |
| p05.pddl |     | <b>0.00</b> | 0.00        | 0.00  | None        | 0.00        | 0.01    |
| p06.pddl |     | 0.00        | <b>0.00</b> | 0.01  | None        | 0.02        | 0.02    |
| p07.pddl |     | 0.00        | <b>0.00</b> | 0.01  | None        | 0.02        | 0.02    |
| p08.pddl |     | <b>0.00</b> | 0.00        | 0.00  | None        | 0.01        | 0.01    |
| p09.pddl |     | 0.00        | <b>0.00</b> | 0.00  | None        | 0.02        | 0.01    |
| p10.pddl |     | <b>0.00</b> | 0.00        | 0.01  | None        | 0.02        | 0.02    |
| p11.pddl |     | <b>0.00</b> | 0.00        | 0.01  | None        | 0.02        | 0.02    |
| p12.pddl |     | 0.00        | <b>0.00</b> | 0.01  | None        | 0.03        | 0.01    |
| p13.pddl |     | <b>0.00</b> | 0.00        | 0.01  | None        | 0.05        | 0.03    |
| p14.pddl |     | <b>0.00</b> | 0.00        | 0.01  | None        | 0.05        | 0.03    |
| p15.pddl |     | <b>0.00</b> | 0.00        | 0.01  | None        | 0.06        | 0.04    |
| p16.pddl |     | <b>0.00</b> | 0.00        | 0.01  | None        | 0.06        | 0.05    |
| p17.pddl |     | 0.00        | <b>0.00</b> | 0.01  | None        | 0.05        | 0.02    |
| p18.pddl |     | 0.00        | <b>0.00</b> | 0.01  | None        | 0.05        | 0.02    |
| p19.pddl |     | <b>0.01</b> | 0.01        | 0.01  | None        | 0.06        | 0.03    |
| p20.pddl |     | <b>0.00</b> | 0.00        | 0.01  | None        | 0.03        | 0.02    |

# parking-opt11-strips

| Avg dur gao      | default     | marked | naive | psvn | psvn_split | watched |
|------------------|-------------|--------|-------|------|------------|---------|
| pfile03-011.pddl | <b>0.00</b> | 0.02   | 0.09  | None | 0.24       | 0.02    |
| pfile03-012.pddl | <b>0.00</b> | 0.02   | 0.08  | None | 0.24       | 0.02    |
| pfile04-013.pddl | <b>0.00</b> | 0.03   | 0.13  | None | 0.45       | 0.02    |
| pfile04-014.pddl | <b>0.00</b> | 0.03   | 0.13  | None | 0.45       | 0.02    |
| pfile04-015.pddl | <b>0.00</b> | 0.03   | 0.13  | None | 0.43       | 0.02    |
| pfile04-016.pddl | <b>0.00</b> | 0.03   | 0.13  | None | 0.47       | 0.02    |
| pfile05-017.pddl | <b>0.00</b> | 0.05   | 0.20  | None | None       | 0.02    |
| pfile05-018.pddl | <b>0.00</b> | 0.05   | 0.19  | None | None       | 0.02    |
| pfile05-019.pddl | <b>0.00</b> | 0.05   | 0.20  | None | None       | 0.02    |
| pfile05-020.pddl | <b>0.00</b> | 0.05   | 0.20  | None | None       | 0.03    |
| pfile06-021.pddl | <b>0.01</b> | 0.08   | 0.27  | None | 2.21       | 0.03    |
| pfile06-022.pddl | <b>0.00</b> | 0.07   | 0.28  | None | 1.08       | 0.03    |
| pfile06-023.pddl | <b>0.01</b> | 0.08   | 0.27  | None | 1.25       | 0.03    |
| pfile06-024.pddl | <b>0.00</b> | 0.08   | 0.28  | None | 1.96       | 0.03    |
| pfile07-025.pddl | <b>0.01</b> | 0.11   | 0.37  | None | None       | 0.04    |
| pfile07-026.pddl | <b>0.01</b> | 0.11   | 0.39  | None | None       | 0.04    |
| pfile07-027.pddl | <b>0.01</b> | 0.11   | 0.40  | None | None       | 0.03    |
| pfile07-028.pddl | <b>0.01</b> | 0.11   | 0.42  | None | None       | 0.03    |
| pfile08-029.pddl | <b>0.01</b> | 0.14   | 0.52  | None | 2.66       | 0.04    |
| pfile08-030.pddl | <b>0.01</b> | 0.14   | 0.49  | None | 2.32       | 0.04    |

# parking-opt14-strips

| Avg dur gao     | default     | marked | naive | psvn | psvn_split | watched |
|-----------------|-------------|--------|-------|------|------------|---------|
| p_12_7-01.pddl  | <b>0.00</b> | 0.02   | 0.09  | None | 0.25       | 0.02    |
| p_12_7-02.pddl  | <b>0.00</b> | 0.02   | 0.08  | None | 0.24       | 0.02    |
| p_12_7-03.pddl  | <b>0.00</b> | 0.02   | 0.08  | None | 0.24       | 0.02    |
| p_12_7-04.pddl  | <b>0.00</b> | 0.02   | 0.08  | None | 0.26       | 0.02    |
| p_14_8-01.pddl  | <b>0.00</b> | 0.03   | 0.13  | None | 0.45       | 0.02    |
| p_14_8-02.pddl  | <b>0.00</b> | 0.03   | 0.14  | None | 0.48       | 0.02    |
| p_14_8-03.pddl  | <b>0.00</b> | 0.03   | 0.13  | None | 0.46       | 0.02    |
| p_14_8-04.pddl  | <b>0.00</b> | 0.03   | 0.12  | None | 0.45       | 0.02    |
| p_16_9-01.pddl  | <b>0.00</b> | 0.05   | 0.19  | None | None       | 0.03    |
| p_16_9-02.pddl  | <b>0.00</b> | 0.05   | 0.19  | None | None       | 0.03    |
| p_16_9-03.pddl  | <b>0.00</b> | 0.05   | 0.19  | None | None       | 0.02    |
| p_16_9-04.pddl  | <b>0.00</b> | 0.05   | 0.19  | None | None       | 0.03    |
| p_18_10-01.pddl | <b>0.00</b> | 0.08   | 0.28  | None | 1.09       | 0.03    |
| p_18_10-02.pddl | <b>0.00</b> | 0.08   | 0.28  | None | 1.10       | 0.03    |
| p_18_10-03.pddl | <b>0.00</b> | 0.08   | 0.30  | None | 1.43       | 0.03    |
| p_18_10-04.pddl | <b>0.01</b> | 0.08   | 0.28  | None | 1.04       | 0.03    |
| p_20_11-01.pddl | <b>0.01</b> | 0.11   | 0.39  | None | None       | 0.03    |
| p_20_11-02.pddl | <b>0.01</b> | 0.11   | 0.39  | None | None       | 0.04    |
| p_20_11-03.pddl | <b>0.00</b> | 0.11   | 0.39  | None | None       | 0.04    |
| p_20_11-04.pddl | <b>0.01</b> | 0.11   | 0.39  | None | None       | 0.04    |

## pathways

| Avg dur gao | default     | marked | naive | psvn | psvn_split | watched |
|-------------|-------------|--------|-------|------|------------|---------|
| p01.pddl    | <b>0.00</b> | 0.00   | 0.00  | None | 0.00       | 0.01    |
| p02.pddl    | <b>0.00</b> | 0.00   | 0.00  | None | 0.00       | 0.01    |
| p03.pddl    | <b>0.00</b> | 0.00   | 0.00  | None | 0.00       | 0.01    |
| p04.pddl    | <b>0.00</b> | 0.00   | 0.00  | None | 0.01       | 0.02    |
| p05.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.03    |
| p06.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.02       | 0.06    |
| p07.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.04       | 0.08    |
| p08.pddl    | <b>0.00</b> | 0.01   | 0.02  | None | 0.05       | 0.12    |
| p09.pddl    | <b>0.00</b> | 0.01   | 0.02  | None | 0.05       | 0.11    |
| p10.pddl    | <b>0.00</b> | 0.01   | 0.02  | None | 0.05       | 0.10    |
| p11.pddl    | <b>0.00</b> | 0.01   | 0.01  | None | 0.05       | 0.10    |
| p12.pddl    | <b>0.00</b> | 0.01   | 0.02  | None | 0.05       | 0.12    |
| p13.pddl    | <b>0.00</b> | 0.01   | 0.02  | None | 0.10       | 0.13    |
| p14.pddl    | <b>0.00</b> | 0.01   | 0.02  | None | 0.11       | 0.13    |
| p15.pddl    | <b>0.00</b> | 0.01   | 0.02  | None | 0.10       | 0.14    |
| p16.pddl    | <b>0.00</b> | 0.01   | 0.03  | None | 0.13       | 0.22    |
| p17.pddl    | <b>0.00</b> | 0.01   | 0.04  | None | 0.16       | 0.28    |
| p18.pddl    | <b>0.00</b> | 0.01   | 0.03  | None | 0.12       | 0.19    |
| p19.pddl    | <b>0.00</b> | 0.01   | 0.04  | None | 0.15       | 0.28    |
| p20.pddl    | <b>0.00</b> | 0.01   | 0.03  | None | 0.14       | 0.22    |
| p21.pddl    | <b>0.00</b> | 0.01   | 0.04  | None | 0.16       | 0.29    |
| p22.pddl    | <b>0.00</b> | 0.01   | 0.04  | None | 0.14       | 0.25    |
| p23.pddl    | <b>0.00</b> | 0.01   | 0.04  | None | 0.15       | 0.28    |
| p24.pddl    | <b>0.00</b> | 0.01   | 0.04  | None | None       | 0.29    |
| p25.pddl    | <b>0.01</b> | 0.01   | 0.06  | None | 0.33       | 0.37    |
| p26.pddl    | <b>0.01</b> | 0.01   | 0.05  | None | 0.33       | 0.39    |
| p27.pddl    | <b>0.01</b> | 0.01   | 0.06  | None | 0.35       | 0.41    |
| p28.pddl    | <b>0.01</b> | 0.02   | 0.06  | None | 0.35       | 0.40    |
| p29.pddl    | <b>0.00</b> | 0.01   | 0.04  | None | None       | 0.32    |
| p30.pddl    | <b>0.00</b> | 0.01   | 0.05  | None | 0.35       | 0.43    |

## pegsol-08-strips

| Avg dur gao | default     | marked | naive | psvn | psvn_split | watched |
|-------------|-------------|--------|-------|------|------------|---------|
| p01.pddl    | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.00       | 0.00    |
| p02.pddl    | <b>0.00</b> | 0.00   | 0.00  | None | 0.01       | 0.01    |
| p03.pddl    | <b>0.00</b> | 0.00   | 0.00  | None | 0.01       | 0.01    |
| p04.pddl    | <b>0.00</b> | 0.00   | 0.00  | None | 0.00       | 0.01    |
| p05.pddl    | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.00       | 0.00    |
| p06.pddl    | <b>0.00</b> | 0.00   | 0.00  | None | 0.00       | 0.01    |
| p07.pddl    | <b>0.00</b> | 0.00   | 0.00  | None | 0.00       | 0.01    |
| p08.pddl    | <b>0.00</b> | 0.00   | 0.00  | None | 0.00       | 0.01    |
| p09.pddl    | <b>0.00</b> | 0.00   | 0.00  | None | 0.01       | 0.01    |
| p10.pddl    | <b>0.00</b> | 0.00   | 0.00  | None | 0.00       | 0.01    |
| p11.pddl    | <b>0.00</b> | 0.00   | 0.00  | None | 0.00       | 0.01    |
| p12.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.01    |
| p13.pddl    | <b>0.00</b> | 0.00   | 0.00  | None | 0.00       | 0.01    |
| p14.pddl    | <b>0.00</b> | 0.00   | 0.00  | None | 0.00       | 0.01    |
| p15.pddl    | <b>0.00</b> | 0.00   | 0.00  | None | 0.00       | 0.01    |
| p16.pddl    | <b>0.00</b> | 0.00   | 0.00  | None | 0.00       | 0.01    |
| p17.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.01    |
| p18.pddl    | <b>0.00</b> | 0.00   | 0.00  | None | 0.00       | 0.01    |
| p19.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.01    |
| p20.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.01    |
| p21.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.01    |
| p22.pddl    | <b>0.00</b> | 0.00   | 0.00  | None | 0.00       | 0.01    |
| p23.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.01    |
| p24.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.01    |
| p25.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.01    |
| p26.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.01    |
| p27.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.01    |
| p28.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.01    |
| p29.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.01    |
| p30.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.01    |

# pegsol-opt11-strips

| Avg dur  | gao | default     | marked | naive | psvn | psvn_split | watched |
|----------|-----|-------------|--------|-------|------|------------|---------|
| p01.pddl |     | <b>0.00</b> | 0.00   | 0.00  | None | 0.01       | 0.01    |
| p02.pddl |     | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.01    |
| p03.pddl |     | <b>0.00</b> | 0.00   | 0.00  | None | 0.00       | 0.01    |
| p04.pddl |     | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.01    |
| p05.pddl |     | <b>0.00</b> | 0.00   | 0.00  | None | 0.00       | 0.01    |
| p06.pddl |     | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.01    |
| p07.pddl |     | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.01    |
| p08.pddl |     | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.01    |
| p09.pddl |     | <b>0.00</b> | 0.00   | 0.00  | None | 0.00       | 0.01    |
| p10.pddl |     | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.01    |
| p11.pddl |     | <b>0.00</b> | 0.00   | 0.00  | None | 0.00       | 0.01    |
| p12.pddl |     | <b>0.00</b> | 0.00   | 0.00  | None | 0.00       | 0.01    |
| p13.pddl |     | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.01    |
| p14.pddl |     | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.01    |
| p15.pddl |     | <b>0.00</b> | 0.00   | 0.00  | None | 0.00       | 0.01    |
| p16.pddl |     | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.01    |
| p17.pddl |     | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.01    |
| p18.pddl |     | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.01    |
| p19.pddl |     | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.01    |
| p20.pddl |     | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.01    |

# petri-net-alignment-opt18-strips

| Avg dur  | gao | default     | marked | naive | psvn | psvn_split | watched |
|----------|-----|-------------|--------|-------|------|------------|---------|
| p01.pddl |     | <b>0.00</b> | 0.00   | 0.01  | None | 0.07       | 0.25    |
| p02.pddl |     | <b>0.00</b> | 0.00   | 0.01  | None | 0.07       | 0.26    |
| p03.pddl |     | <b>0.00</b> | 0.00   | 0.01  | None | 0.07       | 0.24    |
| p04.pddl |     | <b>0.00</b> | 0.00   | 0.01  | None | 0.13       | 0.25    |
| p05.pddl |     | <b>0.00</b> | 0.00   | 0.01  | None | 0.07       | 0.25    |
| p06.pddl |     | <b>0.00</b> | 0.00   | 0.01  | None | 0.13       | 0.26    |
| p07.pddl |     | <b>0.00</b> | 0.00   | 0.01  | None | 0.07       | 0.25    |
| p08.pddl |     | <b>0.00</b> | 0.00   | 0.01  | None | 0.13       | 0.25    |
| p09.pddl |     | <b>0.00</b> | 0.00   | 0.01  | None | 0.07       | 0.25    |
| p10.pddl |     | <b>0.00</b> | 0.00   | 0.01  | None | 0.13       | 0.24    |
| p11.pddl |     | <b>0.00</b> | 0.00   | 0.01  | None | 0.13       | 0.25    |
| p12.pddl |     | <b>0.00</b> | 0.00   | 0.01  | None | 0.12       | 0.25    |
| p13.pddl |     | <b>0.00</b> | 0.00   | 0.01  | None | 0.13       | 0.25    |
| p14.pddl |     | <b>0.00</b> | 0.00   | 0.01  | None | 0.13       | 0.26    |
| p15.pddl |     | <b>0.00</b> | 0.00   | 0.01  | None | 0.18       | 0.25    |
| p16.pddl |     | <b>0.00</b> | 0.00   | 0.01  | None | 0.13       | 0.25    |
| p17.pddl |     | <b>0.00</b> | 0.00   | 0.01  | None | 0.13       | 0.25    |
| p18.pddl |     | <b>0.00</b> | 0.00   | 0.01  | None | 0.13       | 0.25    |
| p19.pddl |     | <b>0.00</b> | 0.00   | 0.01  | None | 0.13       | 0.24    |
| p20.pddl |     | <b>0.00</b> | 0.00   | 0.01  | None | 0.13       | 0.25    |

## pipesworld-notankage

| Avg dur gao          | default     | marked      | naive | psvn | psvn_split | watched |
|----------------------|-------------|-------------|-------|------|------------|---------|
| p01-net1-b6-g2.pddl  | <b>0.00</b> | 0.00        | 0.00  | None | 0.00       | 0.01    |
| p02-net1-b6-g4.pddl  | <b>0.00</b> | 0.00        | 0.00  | None | 0.00       | 0.01    |
| p03-net1-b8-g3.pddl  | <b>0.00</b> | 0.00        | 0.00  | None | 0.00       | 0.02    |
| p04-net1-b8-g5.pddl  | <b>0.00</b> | 0.00        | 0.00  | None | 0.00       | 0.02    |
| p05-net1-b10-g4.pddl | <b>0.00</b> | 0.00        | 0.01  | None | 0.01       | 0.02    |
| p06-net1-b10-g6.pddl | <b>0.00</b> | 0.00        | 0.01  | None | 0.01       | 0.02    |
| p07-net1-b12-g5.pddl | <b>0.00</b> | 0.00        | 0.01  | None | 0.01       | 0.03    |
| p08-net1-b12-g7.pddl | <b>0.00</b> | 0.00        | 0.01  | None | 0.01       | 0.03    |
| p09-net1-b14-g6.pddl | <b>0.00</b> | 0.00        | 0.01  | None | 0.02       | 0.04    |
| p10-net1-b14-g8.pddl | 0.00        | <b>0.00</b> | 0.01  | None | 0.02       | 0.04    |
| p11-net2-b10-g2.pddl | <b>0.00</b> | 0.00        | 0.01  | None | 0.05       | 0.11    |
| p12-net2-b10-g4.pddl | <b>0.00</b> | 0.00        | 0.01  | None | 0.05       | 0.11    |
| p13-net2-b12-g3.pddl | <b>0.00</b> | 0.01        | 0.02  | None | None       | 0.16    |
| p14-net2-b12-g5.pddl | <b>0.00</b> | 0.01        | 0.02  | None | None       | 0.17    |
| p15-net2-b14-g4.pddl | <b>0.00</b> | 0.01        | 0.02  | None | None       | 0.18    |
| p16-net2-b14-g6.pddl | <b>0.00</b> | 0.01        | 0.02  | None | None       | 0.18    |
| p17-net2-b16-g5.pddl | <b>0.01</b> | 0.01        | 0.03  | None | 0.16       | 0.36    |
| p18-net2-b16-g7.pddl | <b>0.01</b> | 0.01        | 0.03  | None | 0.16       | 0.35    |
| p19-net2-b18-g6.pddl | <b>0.01</b> | 0.01        | 0.03  | None | None       | 0.49    |
| p20-net2-b18-g8.pddl | <b>0.01</b> | 0.01        | 0.03  | None | None       | 0.49    |
| p21-net3-b12-g2.pddl | <b>0.00</b> | 0.01        | 0.02  | None | 0.12       | 0.22    |
| p22-net3-b12-g4.pddl | <b>0.00</b> | 0.01        | 0.02  | None | 0.13       | 0.22    |
| p23-net3-b14-g3.pddl | <b>0.01</b> | 0.01        | 0.03  | None | None       | 0.35    |
| p24-net3-b14-g5.pddl | <b>0.01</b> | 0.01        | 0.03  | None | None       | 0.34    |
| p25-net3-b16-g5.pddl | <b>0.01</b> | 0.01        | 0.04  | None | 0.39       | 0.54    |
| p26-net3-b16-g7.pddl | <b>0.01</b> | 0.01        | 0.04  | None | 0.40       | 0.52    |
| p27-net3-b18-g6.pddl | <b>0.01</b> | 0.01        | 0.04  | None | 0.46       | 0.72    |
| p28-net3-b18-g7.pddl | <b>0.01</b> | 0.01        | 0.04  | None | 0.43       | 0.72    |
| p29-net3-b20-g6.pddl | <b>0.01</b> | 0.01        | 0.05  | None | None       | 1.03    |
| p30-net3-b20-g8.pddl | <b>0.01</b> | 0.01        | 0.05  | None | None       | 0.86    |
| p31-net4-b14-g3.pddl | <b>0.01</b> | 0.01        | 0.04  | None | 0.34       | 0.40    |
| p32-net4-b14-g5.pddl | <b>0.01</b> | 0.01        | 0.04  | None | 0.34       | 0.42    |
| p33-net4-b16-g5.pddl | <b>0.01</b> | 0.01        | 0.04  | None | 0.38       | 0.49    |
| p34-net4-b16-g6.pddl | <b>0.01</b> | 0.01        | 0.05  | None | None       | 0.58    |
| p35-net4-b18-g4.pddl | <b>0.01</b> | 0.01        | 0.06  | None | None       | 0.84    |
| p36-net4-b18-g6.pddl | <b>0.01</b> | 0.01        | 0.06  | None | None       | 0.86    |
| p37-net4-b20-g5.pddl | <b>0.01</b> | 0.02        | 0.07  | None | 1.10       | 1.06    |
| p38-net4-b20-g7.pddl | <b>0.01</b> | 0.02        | 0.07  | None | 1.13       | 1.08    |
| p39-net4-b22-g7.pddl | <b>0.01</b> | 0.02        | 0.09  | None | None       | 1.60    |
| p40-net4-b22-g8.pddl | <b>0.01</b> | 0.02        | 0.09  | None | None       | 1.61    |
| p41-net5-b22-g2.pddl | <b>0.01</b> | 0.02        | 0.11  | None | None       | 1.89    |
| p42-net5-b22-g4.pddl | <b>0.01</b> | 0.02        | 0.11  | None | None       | 1.89    |
| p43-net5-b24-g3.pddl | <b>0.01</b> | 0.03        | 0.13  | None | None       | 2.46    |



## pipesworld-tankage

| Avg dur gao              | default     | marked      | naive | psvn | psvn_split | watched |
|--------------------------|-------------|-------------|-------|------|------------|---------|
| p01-net1-b6-g2-t50.pddl  | 0.00        | <b>0.00</b> | 0.00  | None | 0.00       | 0.01    |
| p02-net1-b6-g4-t50.pddl  | 0.00        | <b>0.00</b> | 0.00  | None | 0.00       | 0.01    |
| p03-net1-b8-g3-t80.pddl  | <b>0.00</b> | 0.01        | 0.01  | None | 0.01       | 0.01    |
| p04-net1-b8-g5-t80.pddl  | <b>0.00</b> | 0.01        | 0.01  | None | 0.01       | 0.01    |
| p05-net1-b10-g4-t50.pddl | <b>0.00</b> | 0.01        | 0.01  | None | 0.01       | 0.01    |
| p06-net1-b10-g6-t50.pddl | <b>0.00</b> | 0.01        | 0.01  | None | 0.01       | 0.01    |
| p07-net1-b12-g5-t80.pddl | <b>0.01</b> | 0.02        | 0.04  | None | 0.01       | 0.01    |
| p08-net1-b12-g7-t80.pddl | <b>0.01</b> | 0.02        | 0.04  | None | 0.01       | 0.02    |
| p09-net1-b14-g6-t50.pddl | <b>0.01</b> | 0.02        | 0.05  | None | 0.02       | 0.02    |
| p10-net1-b14-g8-t50.pddl | <b>0.01</b> | 0.02        | 0.05  | None | 0.01       | 0.02    |
| p11-net2-b10-g2-t30.pddl | <b>0.00</b> | 0.01        | 0.03  | None | 0.20       | 0.01    |
| p12-net2-b10-g4-t60.pddl | <b>0.00</b> | 0.01        | 0.04  | None | 0.41       | 0.01    |
| p13-net2-b12-g3-t70.pddl | <b>0.01</b> | 0.02        | 0.06  | None | None       | 0.02    |
| p14-net2-b12-g5-t30.pddl | <b>0.00</b> | 0.01        | 0.04  | None | 0.22       | 0.02    |
| p15-net2-b14-g4-t30.pddl | <b>0.00</b> | 0.01        | 0.04  | None | 0.26       | 0.02    |
| p16-net2-b14-g6-t80.pddl | <b>0.01</b> | 0.02        | 0.08  | None | 0.65       | 0.03    |
| p17-net2-b16-g5-t20.pddl | <b>0.00</b> | 0.01        | 0.04  | None | 0.44       | 0.02    |
| p18-net2-b16-g7-t60.pddl | <b>0.01</b> | 0.03        | 0.09  | None | None       | 0.03    |
| p19-net2-b18-g6-t60.pddl | <b>0.01</b> | 0.03        | 0.11  | None | None       | 0.04    |
| p20-net2-b18-g8-t90.pddl | <b>0.02</b> | 0.07        | 0.20  | None | None       | 0.05    |
| p21-net3-b12-g2-t60.pddl | <b>0.01</b> | 0.01        | 0.05  | None | 0.51       | 0.02    |
| p22-net3-b12-g4-t60.pddl | <b>0.01</b> | 0.02        | 0.05  | None | 0.48       | 0.02    |
| p23-net3-b14-g3-t60.pddl | <b>0.01</b> | 0.03        | 0.10  | None | None       | 0.03    |
| p24-net3-b14-g5-t60.pddl | <b>0.01</b> | 0.03        | 0.11  | None | None       | 0.03    |
| p25-net3-b16-g5-t60.pddl | <b>0.02</b> | 0.07        | 0.21  | None | 3.48       | 0.04    |
| p26-net3-b16-g7-t70.pddl | <b>0.02</b> | 0.08        | 0.26  | None | None       | 0.05    |
| p27-net3-b18-g6-t70.pddl | <b>0.02</b> | 0.07        | 0.23  | None | None       | 0.05    |
| p28-net3-b18-g7-t70.pddl | <b>0.02</b> | 0.07        | 0.23  | None | None       | 0.05    |
| p29-net3-b20-g6-t70.pddl | <b>0.04</b> | 0.11        | 0.33  | None | None       | 0.06    |
| p30-net3-b20-g8-t70.pddl | <b>0.03</b> | 0.12        | 0.34  | None | None       | 0.07    |
| p31-net4-b14-g3-t20.pddl | <b>0.00</b> | 0.01        | 0.03  | None | 0.34       | 0.02    |
| p32-net4-b14-g5-t30.pddl | <b>0.01</b> | 0.02        | 0.08  | None | None       | 0.03    |
| p33-net4-b16-g5-t60.pddl | <b>0.01</b> | 0.04        | 0.13  | None | None       | 0.04    |
| p34-net4-b16-g6-t60.pddl | <b>0.02</b> | 0.05        | 0.18  | None | None       | 0.05    |
| p35-net4-b18-g4-t90.pddl | <b>0.04</b> | 0.16        | 0.48  | None | None       | 0.09    |
| p36-net4-b18-g6-t90.pddl | <b>0.04</b> | 0.16        | 0.62  | None | None       | 0.09    |
| p37-net4-b20-g5-t60.pddl | <b>0.03</b> | 0.11        | 0.33  | None | None       | 0.07    |
| p38-net4-b20-g7-t60.pddl | <b>0.03</b> | 0.11        | 0.33  | None | None       | 0.07    |
| p39-net4-b22-g7-t50.pddl | <b>0.04</b> | 0.15        | 0.47  | None | None       | 0.08    |
| p40-net4-b22-g8-t50.pddl | <b>0.04</b> | 0.14        | 0.50  | None | None       | 0.08    |
| p41-net5-b22-g2-t20.pddl | <b>0.01</b> | 0.06        | 0.22  | None | None       | 0.08    |
| p42-net5-b22-g4-t50.pddl | <b>0.04</b> | 0.22        | 0.95  | None | None       | 0.11    |
| p43-net5-b24-g3-t80.pddl | <b>0.07</b> | 0.52        | 3.45  | None | None       | 0.17    |

## psr-small

| Avg dur gao            | default     | marked | naive | psvn        | psvn_split  | watched |
|------------------------|-------------|--------|-------|-------------|-------------|---------|
| p01-s2-n1-l2-f50.pddl  | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| p02-s5-n1-l3-f30.pddl  | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| p03-s7-n1-l3-f70.pddl  | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| p04-s8-n1-l4-f10.pddl  | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| p05-s9-n1-l4-f30.pddl  | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| p06-s10-n1-l4-f50.pddl | 0.00        | 0.00   | 0.00  | 0.00        | <b>0.00</b> | 0.00    |
| p07-s11-n1-l4-f70.pddl | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| p08-s12-n1-l5-f10.pddl | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| p09-s13-n1-l5-f30.pddl | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| p10-s17-n2-l2-f30.pddl | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| p11-s18-n2-l2-f50.pddl | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| p12-s21-n2-l3-f30.pddl | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| p13-s22-n2-l3-f50.pddl | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| p14-s23-n2-l3-f70.pddl | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| p15-s24-n2-l4-f10.pddl | 0.00        | 0.01   | 0.01  | 0.00        | <b>0.00</b> | 0.01    |
| p16-s29-n2-l5-f30.pddl | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| p17-s30-n2-l5-f50.pddl | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| p18-s31-n2-l5-f70.pddl | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| p19-s33-n3-l2-f30.pddl | 0.00        | 0.00   | 0.00  | 0.00        | <b>0.00</b> | 0.01    |
| p20-s34-n3-l2-f50.pddl | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| p21-s35-n3-l2-f70.pddl | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| p22-s37-n3-l3-f30.pddl | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.01    |
| p23-s38-n3-l3-f50.pddl | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| p24-s39-n3-l3-f70.pddl | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| p25-s40-n3-l4-f10.pddl | 0.00        | 0.22   | 0.14  | <b>0.00</b> | 0.04        | 0.11    |
| p26-s41-n3-l4-f30.pddl | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| p27-s42-n3-l4-f50.pddl | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| p28-s43-n3-l4-f70.pddl | 0.00        | 0.00   | 0.00  | 0.00        | <b>0.00</b> | 0.00    |
| p29-s45-n3-l5-f30.pddl | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.01    |
| p30-s46-n3-l5-f50.pddl | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| p31-s49-n4-l2-f30.pddl | <b>0.00</b> | 0.01   | 0.01  | 0.00        | 0.00        | 0.01    |
| p32-s50-n4-l2-f50.pddl | 0.00        | 0.00   | 0.00  | 0.00        | <b>0.00</b> | 0.00    |
| p33-s51-n4-l2-f70.pddl | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.01    |
| p34-s55-n4-l3-f70.pddl | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| p35-s57-n5-l2-f30.pddl | <b>0.00</b> | 0.00   | 0.00  | None        | 0.00        | 0.01    |
| p36-s65-n6-l2-f30.pddl | <b>0.00</b> | 0.01   | 0.01  | None        | 0.01        | 0.01    |
| p37-s67-n6-l2-f70.pddl | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.01    |
| p38-s78-n3-l3-f50.pddl | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| p39-s79-n3-l3-f70.pddl | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| p40-s80-n3-l4-f10.pddl | <b>0.00</b> | 0.02   | 0.01  | None        | 0.03        | 0.01    |
| p41-s81-n3-l4-f30.pddl | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| p42-s82-n3-l4-f50.pddl | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| p43-s83-n3-l4-f70.pddl | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |

# rovers

| Avg dur gao | default     | marked | naive | psvn        | psvn_split  | watched |
|-------------|-------------|--------|-------|-------------|-------------|---------|
| p01.pddl    | 0.00        | 0.00   | 0.00  | 0.00        | <b>0.00</b> | 0.00    |
| p02.pddl    | <b>0.00</b> | 0.00   | 0.00  | 0.00        | 0.00        | 0.00    |
| p03.pddl    | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| p04.pddl    | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| p05.pddl    | <b>0.00</b> | 0.00   | 0.00  | 0.00        | 0.00        | 0.01    |
| p06.pddl    | <b>0.00</b> | 0.00   | 0.00  | 0.00        | 0.00        | 0.01    |
| p07.pddl    | <b>0.00</b> | 0.00   | 0.00  | None        | 0.00        | 0.01    |
| p08.pddl    | <b>0.00</b> | 0.00   | 0.00  | None        | 0.01        | 0.01    |
| p09.pddl    | <b>0.00</b> | 0.00   | 0.01  | None        | 0.01        | 0.01    |
| p10.pddl    | <b>0.00</b> | 0.00   | 0.01  | None        | 0.01        | 0.01    |
| p11.pddl    | <b>0.00</b> | 0.00   | 0.01  | None        | 0.01        | 0.01    |
| p12.pddl    | <b>0.00</b> | 0.00   | 0.00  | None        | 0.00        | 0.01    |
| p13.pddl    | <b>0.00</b> | 0.00   | 0.01  | None        | 0.02        | 0.01    |
| p14.pddl    | <b>0.00</b> | 0.00   | 0.01  | None        | 0.01        | 0.01    |
| p15.pddl    | <b>0.00</b> | 0.00   | 0.01  | None        | 0.01        | 0.01    |
| p16.pddl    | <b>0.00</b> | 0.00   | 0.01  | None        | 0.02        | 0.01    |
| p17.pddl    | <b>0.00</b> | 0.00   | 0.01  | None        | 0.04        | 0.02    |
| p18.pddl    | <b>0.00</b> | 0.01   | 0.02  | None        | 0.09        | 0.02    |
| p19.pddl    | <b>0.00</b> | 0.01   | 0.03  | None        | 0.20        | 0.03    |
| p20.pddl    | <b>0.00</b> | 0.01   | 0.05  | None        | 0.21        | 0.04    |
| p21.pddl    | <b>0.00</b> | 0.01   | 0.06  | None        | 0.45        | 0.04    |
| p22.pddl    | <b>0.00</b> | 0.01   | 0.06  | None        | 0.43        | 0.04    |
| p23.pddl    | <b>0.00</b> | 0.01   | 0.06  | None        | 0.55        | 0.06    |
| p24.pddl    | <b>0.00</b> | 0.01   | 0.06  | None        | 0.50        | 0.04    |
| p25.pddl    | <b>0.00</b> | 0.01   | 0.05  | None        | 0.47        | 0.04    |
| p26.pddl    | <b>0.00</b> | 0.01   | 0.04  | None        | 0.20        | 0.03    |
| p27.pddl    | <b>0.00</b> | 0.01   | 0.05  | None        | 0.57        | 0.05    |
| p28.pddl    | <b>0.00</b> | 0.01   | 0.09  | None        | 1.19        | 0.06    |
| p29.pddl    | <b>0.00</b> | 0.02   | 0.10  | None        | 1.24        | 0.07    |
| p30.pddl    | <b>0.00</b> | 0.02   | 0.10  | None        | None        | 0.09    |
| p31.pddl    | <b>0.00</b> | 0.02   | 0.09  | None        | 1.29        | 0.08    |
| p32.pddl    | <b>0.00</b> | 0.02   | 0.15  | None        | 3.14        | 0.11    |
| p33.pddl    | <b>0.00</b> | 0.03   | 0.15  | None        | 3.37        | 0.13    |
| p34.pddl    | <b>0.00</b> | 0.02   | 0.15  | None        | None        | 0.15    |
| p35.pddl    | <b>0.00</b> | 0.03   | 0.22  | None        | None        | 0.22    |
| p36.pddl    | <b>0.00</b> | 0.03   | 0.16  | None        | None        | 0.24    |
| p37.pddl    | <b>0.00</b> | 0.04   | 0.30  | None        | None        | 0.31    |
| p38.pddl    | <b>0.00</b> | 0.05   | 0.34  | None        | None        | 0.36    |
| p39.pddl    | <b>0.00</b> | 0.05   | 0.36  | None        | None        | 0.27    |
| p40.pddl    | <b>0.00</b> | 0.05   | 0.37  | None        | None        | 0.49    |

## satellite

| Avg dur gao         | default     | marked | naive | psvn        | psvn_split  | watched |
|---------------------|-------------|--------|-------|-------------|-------------|---------|
| p01-pfile1.pddl     | 0.00        | 0.00   | 0.00  | 0.00        | <b>0.00</b> | 0.00    |
| p02-pfile2.pddl     | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| p03-pfile3.pddl     | <b>0.00</b> | 0.00   | 0.00  | 0.00        | 0.00        | 0.00    |
| p04-pfile4.pddl     | <b>0.00</b> | 0.00   | 0.00  | 0.00        | 0.00        | 0.00    |
| p05-pfile5.pddl     | <b>0.00</b> | 0.00   | 0.01  | None        | 0.01        | 0.01    |
| p06-pfile6.pddl     | <b>0.00</b> | 0.00   | 0.01  | 0.00        | 0.00        | 0.01    |
| p07-pfile7.pddl     | <b>0.00</b> | 0.00   | 0.01  | None        | 0.01        | 0.01    |
| p08-pfile8.pddl     | <b>0.00</b> | 0.00   | 0.01  | None        | 0.03        | 0.01    |
| p09-pfile9.pddl     | <b>0.00</b> | 0.00   | 0.02  | None        | 0.04        | 0.01    |
| p10-pfile10.pddl    | <b>0.00</b> | 0.01   | 0.02  | None        | 0.07        | 0.02    |
| p11-pfile11.pddl    | <b>0.00</b> | 0.01   | 0.03  | None        | 0.06        | 0.02    |
| p12-pfile12.pddl    | <b>0.00</b> | 0.01   | 0.04  | None        | 0.15        | 0.02    |
| p13-pfile13.pddl    | <b>0.00</b> | 0.01   | 0.06  | None        | 0.32        | 0.02    |
| p14-pfile14.pddl    | <b>0.00</b> | 0.01   | 0.05  | None        | 0.16        | 0.02    |
| p15-pfile15.pddl    | <b>0.00</b> | 0.02   | 0.07  | None        | 0.38        | 0.04    |
| p16-pfile16.pddl    | <b>0.01</b> | 0.02   | 0.08  | None        | 0.41        | 0.05    |
| p17-pfile17.pddl    | <b>0.01</b> | 0.02   | 0.10  | None        | 0.83        | 0.05    |
| p18-pfile18.pddl    | <b>0.00</b> | 0.01   | 0.04  | None        | 0.16        | 0.02    |
| p19-pfile19.pddl    | <b>0.00</b> | 0.01   | 0.04  | None        | 0.23        | 0.04    |
| p20-pfile20.pddl    | <b>0.00</b> | 0.01   | 0.04  | None        | 0.26        | 0.06    |
| p21-HC-pfile1.pddl  | <b>0.00</b> | 0.03   | 0.12  | None        | 0.72        | 0.04    |
| p22-HC-pfile2.pddl  | <b>0.00</b> | 0.04   | 0.17  | None        | 1.66        | 0.04    |
| p23-HC-pfile3.pddl  | <b>0.01</b> | 0.05   | 0.26  | None        | 1.87        | 0.07    |
| p24-HC-pfile4.pddl  | <b>0.01</b> | 0.09   | 0.50  | None        | 4.61        | 0.09    |
| p25-HC-pfile5.pddl  | <b>0.01</b> | 0.10   | 0.91  | None        | 11.33       | 0.09    |
| p26-HC-pfile6.pddl  | <b>0.01</b> | 0.10   | 0.76  | None        | 11.12       | 0.10    |
| p27-HC-pfile7.pddl  | <b>0.01</b> | 0.13   | 1.33  | None        | 12.47       | 0.11    |
| p28-HC-pfile8.pddl  | <b>0.01</b> | 0.24   | 3.32  | None        | None        | 0.19    |
| p29-HC-pfile9.pddl  | <b>0.01</b> | 0.38   | 4.99  | None        | None        | 0.23    |
| p30-HC-pfile10.pddl | <b>0.02</b> | 0.53   | 7.11  | None        | None        | 0.31    |
| p31-HC-pfile11.pddl | <b>0.02</b> | 0.82   | 10.88 | None        | None        | 0.50    |
| p32-HC-pfile12.pddl | <b>0.02</b> | 1.47   | 19.17 | None        | None        | 0.54    |
| p33-HC-pfile13.pddl | <b>0.03</b> | 2.12   | 29.38 | None        | None        | 0.86    |
| p34-HC-pfile14.pddl | <b>0.01</b> | 0.43   | 6.32  | None        | None        | 0.20    |
| p35-HC-pfile15.pddl | <b>0.01</b> | 0.70   | 9.96  | None        | None        | 0.34    |
| p36-HC-pfile16.pddl | <b>0.02</b> | 0.89   | 12.60 | None        | None        | 0.42    |

# scanalyzer-08-strips

| Avg dur gao | default     | marked | naive | psvn        | psvn_split | watched |
|-------------|-------------|--------|-------|-------------|------------|---------|
| p01.pddl    | <b>0.00</b> | 0.00   | 0.01  | 0.00        | 0.00       | 0.01    |
| p02.pddl    | 0.00        | 0.00   | 0.01  | <b>0.00</b> | 0.00       | 0.00    |
| p03.pddl    | <b>0.00</b> | 0.00   | 0.01  | 0.00        | 0.00       | 0.00    |
| p04.pddl    | <b>0.00</b> | 0.01   | 0.03  | None        | None       | 0.01    |
| p05.pddl    | <b>0.00</b> | 0.00   | 0.02  | None        | 0.10       | 0.01    |
| p06.pddl    | <b>0.00</b> | 0.00   | 0.02  | None        | 0.06       | 0.01    |
| p07.pddl    | <b>0.00</b> | 0.01   | 0.07  | None        | None       | 0.01    |
| p08.pddl    | <b>0.00</b> | 0.01   | 0.04  | None        | None       | 0.01    |
| p09.pddl    | <b>0.00</b> | 0.01   | 0.04  | None        | 0.25       | 0.01    |
| p10.pddl    | <b>0.00</b> | 0.02   | 0.14  | None        | None       | 0.03    |
| p11.pddl    | <b>0.00</b> | 0.01   | 0.08  | None        | 0.50       | 0.02    |
| p12.pddl    | <b>0.00</b> | 0.01   | 0.07  | None        | None       | 0.01    |
| p13.pddl    | <b>0.00</b> | 0.03   | 0.26  | None        | None       | 0.04    |
| p14.pddl    | <b>0.00</b> | 0.02   | 0.15  | None        | None       | 0.02    |
| p15.pddl    | <b>0.00</b> | 0.01   | 0.13  | None        | None       | 0.02    |
| p16.pddl    | <b>0.01</b> | 0.06   | 0.46  | None        | None       | 0.06    |
| p17.pddl    | <b>0.00</b> | 0.03   | 0.24  | None        | None       | 0.03    |
| p18.pddl    | <b>0.00</b> | 0.02   | 0.22  | None        | None       | 0.02    |
| p19.pddl    | <b>0.01</b> | 0.09   | 1.76  | None        | None       | 0.07    |
| p20.pddl    | <b>0.01</b> | 0.04   | 0.47  | None        | None       | 0.04    |
| p21.pddl    | <b>0.01</b> | 0.04   | 0.37  | None        | None       | 0.04    |
| p22.pddl    | 0.00        | 0.00   | 0.01  | <b>0.00</b> | 0.00       | 0.01    |
| p23.pddl    | 0.00        | 0.00   | 0.01  | <b>0.00</b> | 0.00       | 0.01    |
| p24.pddl    | 0.00        | 0.00   | 0.01  | <b>0.00</b> | 0.00       | 0.01    |
| p25.pddl    | <b>0.00</b> | 0.07   | 0.54  | None        | 0.11       | 0.18    |
| p26.pddl    | <b>0.00</b> | 0.05   | 0.41  | None        | 0.09       | 0.15    |
| p27.pddl    | <b>0.00</b> | 0.05   | 0.33  | None        | 0.11       | 0.13    |
| p28.pddl    | <b>0.00</b> | 0.75   | 13.84 | None        | None       | 0.63    |
| p29.pddl    | <b>0.00</b> | 0.52   | 8.92  | None        | None       | 0.31    |
| p30.pddl    | <b>0.00</b> | 0.43   | 7.52  | None        | None       | 0.24    |

# scanalyzer-opt11-strips

| Avg dur  | gao | default     | marked | naive | psvn        | psvn_split | watched |
|----------|-----|-------------|--------|-------|-------------|------------|---------|
| p01.pddl |     | 0.00        | 0.00   | 0.01  | <b>0.00</b> | 0.00       | 0.01    |
| p02.pddl |     | <b>0.00</b> | 0.00   | 0.01  | 0.00        | 0.00       | 0.00    |
| p03.pddl |     | 0.00        | 0.00   | 0.01  | <b>0.00</b> | 0.00       | 0.00    |
| p04.pddl |     | <b>0.00</b> | 0.01   | 0.03  | None        | None       | 0.01    |
| p05.pddl |     | <b>0.00</b> | 0.01   | 0.07  | None        | None       | 0.01    |
| p06.pddl |     | <b>0.00</b> | 0.00   | 0.02  | None        | 0.09       | 0.01    |
| p07.pddl |     | <b>0.01</b> | 0.09   | 0.99  | None        | None       | 0.07    |
| p08.pddl |     | <b>0.00</b> | 0.02   | 0.13  | None        | None       | 0.02    |
| p09.pddl |     | <b>0.00</b> | 0.03   | 0.26  | None        | None       | 0.04    |
| p10.pddl |     | <b>0.01</b> | 0.06   | 0.47  | None        | None       | 0.06    |
| p11.pddl |     | <b>0.00</b> | 0.07   | 0.82  | None        | 0.11       | 0.18    |
| p12.pddl |     | <b>0.00</b> | 0.00   | 0.02  | None        | 0.06       | 0.01    |
| p13.pddl |     | <b>0.00</b> | 0.05   | 0.33  | None        | 0.12       | 0.11    |
| p14.pddl |     | <b>0.00</b> | 0.05   | 0.40  | None        | 0.10       | 0.15    |
| p15.pddl |     | <b>0.00</b> | 0.01   | 0.04  | None        | None       | 0.01    |
| p16.pddl |     | <b>0.00</b> | 0.01   | 0.08  | None        | 0.49       | 0.01    |
| p17.pddl |     | <b>0.00</b> | 0.02   | 0.15  | None        | None       | 0.02    |
| p18.pddl |     | <b>0.00</b> | 0.03   | 0.25  | None        | None       | 0.04    |
| p19.pddl |     | <b>0.01</b> | 0.05   | 0.40  | None        | None       | 0.04    |
| p20.pddl |     | <b>0.00</b> | 0.79   | 13.84 | None        | None       | 0.43    |

# snake-opt18-strips

| Avg dur  | gao | default     | marked | naive | psvn | psvn_split | watched |
|----------|-----|-------------|--------|-------|------|------------|---------|
| p01.pddl |     | <b>0.01</b> | 0.03   | 0.15  | None | 0.01       | 0.06    |
| p02.pddl |     | <b>0.01</b> | 0.03   | 0.17  | None | 0.01       | 0.07    |
| p03.pddl |     | <b>0.01</b> | 0.04   | 0.17  | None | 0.02       | 0.07    |
| p04.pddl |     | <b>0.00</b> | 0.03   | 0.14  | None | 0.01       | 0.06    |
| p05.pddl |     | <b>0.01</b> | 0.03   | 0.14  | None | 0.01       | 0.06    |
| p06.pddl |     | <b>0.01</b> | 0.05   | 0.24  | None | 0.03       | 0.09    |
| p07.pddl |     | <b>0.01</b> | 0.05   | 0.26  | None | 0.02       | 0.10    |
| p08.pddl |     | <b>0.01</b> | 0.06   | 0.28  | None | 0.01       | 0.10    |
| p09.pddl |     | <b>0.01</b> | 0.04   | 0.21  | None | 0.01       | 0.09    |
| p10.pddl |     | <b>0.01</b> | 0.04   | 0.23  | None | 0.01       | 0.09    |
| p11.pddl |     | <b>0.01</b> | 0.07   | 0.34  | None | 0.02       | 0.13    |
| p12.pddl |     | <b>0.01</b> | 0.07   | 0.38  | None | 0.03       | 0.14    |
| p13.pddl |     | <b>0.01</b> | 0.08   | 0.42  | None | 0.07       | 0.14    |
| p14.pddl |     | <b>0.01</b> | 0.09   | 0.49  | None | 0.03       | 0.15    |
| p15.pddl |     | <b>0.01</b> | 0.06   | 0.33  | None | 0.02       | 0.11    |
| p16.pddl |     | <b>0.01</b> | 0.10   | 0.49  | None | 0.02       | 0.17    |
| p17.pddl |     | <b>0.01</b> | 0.11   | 1.45  | None | 0.04       | 0.17    |
| p18.pddl |     | <b>0.01</b> | 0.11   | 0.59  | None | 0.07       | 0.19    |
| p19.pddl |     | <b>0.01</b> | 0.13   | 0.81  | None | 0.16       | 0.20    |
| p20.pddl |     | <b>0.01</b> | 0.09   | 0.48  | None | 0.03       | 0.16    |

# sokoban-opt08-strips

| Avg dur gao | default     | marked      | naive | psvn | psvn_split | watched |
|-------------|-------------|-------------|-------|------|------------|---------|
| p01.pddl    | 0.00        | <b>0.00</b> | 0.00  | 0.00 | 0.00       | 0.01    |
| p02.pddl    | <b>0.00</b> | 0.00        | 0.00  | 0.00 | 0.00       | 0.00    |
| p03.pddl    | 0.00        | <b>0.00</b> | 0.00  | 0.00 | 0.00       | 0.00    |
| p04.pddl    | 0.00        | <b>0.00</b> | 0.00  | None | 0.01       | 0.01    |
| p05.pddl    | 0.01        | <b>0.00</b> | 0.01  | None | 0.02       | 0.01    |
| p06.pddl    | 0.00        | <b>0.00</b> | 0.00  | None | 0.00       | 0.00    |
| p07.pddl    | 0.01        | <b>0.00</b> | 0.00  | None | 0.01       | 0.02    |
| p08.pddl    | 0.01        | <b>0.00</b> | 0.00  | None | 0.01       | 0.01    |
| p09.pddl    | 0.00        | <b>0.00</b> | 0.00  | None | 0.01       | 0.01    |
| p10.pddl    | 0.00        | <b>0.00</b> | 0.00  | None | 0.01       | 0.01    |
| p11.pddl    | 0.00        | <b>0.00</b> | 0.00  | None | 0.01       | 0.02    |
| p12.pddl    | 0.01        | <b>0.00</b> | 0.00  | None | 0.01       | 0.01    |
| p13.pddl    | 0.00        | <b>0.00</b> | 0.00  | None | 0.01       | 0.01    |
| p14.pddl    | 0.00        | <b>0.00</b> | 0.00  | None | 0.01       | 0.01    |
| p15.pddl    | 0.01        | <b>0.00</b> | 0.01  | None | 0.01       | 0.01    |
| p16.pddl    | 0.01        | <b>0.00</b> | 0.00  | None | 0.01       | 0.01    |
| p17.pddl    | 0.00        | <b>0.00</b> | 0.00  | None | 0.01       | 0.01    |
| p18.pddl    | 0.01        | <b>0.00</b> | 0.00  | None | 0.01       | 0.01    |
| p19.pddl    | 0.01        | <b>0.00</b> | 0.00  | None | 0.01       | 0.01    |
| p20.pddl    | 0.01        | <b>0.00</b> | 0.01  | None | 0.02       | 0.17    |
| p21.pddl    | 0.01        | <b>0.01</b> | 0.02  | None | 0.06       | 0.02    |
| p22.pddl    | 0.01        | <b>0.00</b> | 0.01  | None | 0.01       | 0.01    |
| p23.pddl    | 0.00        | <b>0.00</b> | 0.00  | None | 0.01       | 0.01    |
| p24.pddl    | 0.00        | <b>0.00</b> | 0.01  | None | 0.01       | 0.01    |
| p25.pddl    | 0.01        | <b>0.00</b> | 0.01  | None | 0.01       | 0.01    |
| p26.pddl    | 0.01        | <b>0.00</b> | 0.01  | None | 0.01       | 0.01    |
| p27.pddl    | 0.01        | <b>0.00</b> | 0.01  | None | 0.01       | 0.01    |
| p28.pddl    | 0.01        | <b>0.00</b> | 0.01  | None | 0.01       | 0.01    |
| p29.pddl    | 0.01        | <b>0.01</b> | 0.02  | None | 0.06       | 0.02    |
| p30.pddl    | 0.01        | <b>0.01</b> | 0.02  | None | None       | 0.02    |



# sokoban-opt11-strips

| Avg dur  | gao | default | marked      | naive | psvn | psvn_split | watched |
|----------|-----|---------|-------------|-------|------|------------|---------|
| p01.pddl |     | 0.00    | <b>0.00</b> | 0.00  | None | 0.00       | 0.00    |
| p02.pddl |     | 0.00    | <b>0.00</b> | 0.00  | None | 0.01       | 0.01    |
| p03.pddl |     | 0.00    | <b>0.00</b> | 0.00  | None | 0.01       | 0.01    |
| p04.pddl |     | 0.00    | <b>0.00</b> | 0.00  | None | 0.01       | 0.01    |
| p05.pddl |     | 0.01    | <b>0.00</b> | 0.00  | None | 0.01       | 0.01    |
| p06.pddl |     | 0.00    | <b>0.00</b> | 0.00  | None | 0.01       | 0.02    |
| p07.pddl |     | 0.00    | <b>0.00</b> | 0.00  | None | 0.01       | 0.01    |
| p08.pddl |     | 0.00    | <b>0.00</b> | 0.00  | None | 0.01       | 0.01    |
| p09.pddl |     | 0.01    | <b>0.00</b> | 0.00  | None | 0.01       | 0.01    |
| p10.pddl |     | 0.01    | <b>0.00</b> | 0.01  | None | 0.03       | 0.01    |
| p11.pddl |     | 0.00    | <b>0.00</b> | 0.00  | None | 0.01       | 0.01    |
| p12.pddl |     | 0.01    | <b>0.00</b> | 0.01  | None | 0.01       | 0.17    |
| p13.pddl |     | 0.01    | <b>0.00</b> | 0.00  | None | 0.01       | 0.01    |
| p14.pddl |     | 0.01    | <b>0.00</b> | 0.00  | None | 0.01       | 0.01    |
| p15.pddl |     | 0.01    | <b>0.00</b> | 0.00  | None | 0.01       | 0.01    |
| p16.pddl |     | 0.01    | <b>0.00</b> | 0.01  | None | 0.01       | 0.01    |
| p17.pddl |     | 0.01    | <b>0.00</b> | 0.00  | None | 0.01       | 0.01    |
| p18.pddl |     | 0.01    | <b>0.01</b> | 0.02  | None | 0.06       | 0.02    |
| p19.pddl |     | 0.01    | <b>0.00</b> | 0.01  | None | 0.01       | 0.01    |
| p20.pddl |     | 0.00    | <b>0.00</b> | 0.00  | None | 0.01       | 0.01    |

# spider-opt18-strips

| Avg dur  | gao | default     | marked | naive | psvn | psvn_split | watched |
|----------|-----|-------------|--------|-------|------|------------|---------|
| p01.pddl |     | <b>0.00</b> | 0.03   | 0.08  | None | 0.90       | 0.11    |
| p02.pddl |     | <b>0.01</b> | 0.04   | 0.12  | None | None       | 0.18    |
| p03.pddl |     | <b>0.01</b> | 0.09   | 0.28  | None | 5.48       | 0.35    |
| p04.pddl |     | <b>0.01</b> | 0.12   | 0.37  | None | None       | 0.48    |
| p05.pddl |     | <b>0.01</b> | 0.20   | 0.58  | None | None       | 0.82    |
| p06.pddl |     | <b>0.02</b> | 0.31   | 1.92  | None | None       | 1.30    |
| p07.pddl |     | <b>0.00</b> | 0.03   | 0.08  | None | 0.73       | 0.11    |
| p08.pddl |     | <b>0.01</b> | 0.05   | 0.12  | None | None       | 0.18    |
| p09.pddl |     | <b>0.01</b> | 0.09   | 0.29  | None | 5.38       | 0.36    |
| p10.pddl |     | <b>0.01</b> | 0.12   | 0.36  | None | 5.62       | 0.48    |
| p11.pddl |     | <b>0.01</b> | 0.21   | 0.73  | None | None       | 0.82    |
| p12.pddl |     | <b>0.02</b> | 0.31   | 2.00  | None | None       | 1.30    |
| p13.pddl |     | <b>0.02</b> | 0.38   | 2.39  | None | None       | 1.61    |
| p14.pddl |     | <b>0.00</b> | 0.03   | 0.09  | None | 0.71       | 0.11    |
| p15.pddl |     | <b>0.00</b> | 0.04   | 0.12  | None | None       | 0.18    |
| p16.pddl |     | <b>0.01</b> | 0.10   | 0.32  | None | 5.21       | 0.35    |
| p17.pddl |     | <b>0.01</b> | 0.11   | 0.35  | None | None       | 0.49    |
| p18.pddl |     | <b>0.01</b> | 0.21   | 1.40  | None | None       | 0.82    |
| p19.pddl |     | <b>0.01</b> | 0.34   | 2.13  | None | None       | 1.30    |
| p20.pddl |     | <b>0.02</b> | 0.38   | 2.27  | None | None       | 1.59    |

## storage

| Avg dur gao | default     | marked      | naive | psvn        | psvn_split | watched |
|-------------|-------------|-------------|-------|-------------|------------|---------|
| p01.pddl    | 0.00        | 0.00        | 0.00  | <b>0.00</b> | 0.00       | 0.00    |
| p02.pddl    | 0.00        | 0.00        | 0.00  | <b>0.00</b> | 0.01       | 0.00    |
| p03.pddl    | 0.00        | <b>0.00</b> | 0.00  | 0.00        | 0.00       | 0.01    |
| p04.pddl    | <b>0.00</b> | 0.00        | 0.00  | 0.00        | 0.00       | 0.00    |
| p05.pddl    | <b>0.00</b> | 0.00        | 0.00  | 0.00        | 0.00       | 0.00    |
| p06.pddl    | <b>0.00</b> | 0.00        | 0.00  | 0.01        | 0.00       | 0.00    |
| p07.pddl    | <b>0.00</b> | 0.00        | 0.00  | 0.00        | 0.00       | 0.00    |
| p08.pddl    | <b>0.00</b> | 0.00        | 0.00  | None        | 0.00       | 0.00    |
| p09.pddl    | <b>0.00</b> | 0.00        | 0.01  | None        | 0.01       | 0.01    |
| p10.pddl    | <b>0.00</b> | 0.00        | 0.00  | None        | 0.00       | 0.00    |
| p11.pddl    | <b>0.00</b> | 0.00        | 0.01  | None        | 0.00       | 0.01    |
| p12.pddl    | <b>0.00</b> | 0.00        | 0.01  | None        | 0.01       | 0.01    |
| p13.pddl    | <b>0.00</b> | 0.00        | 0.00  | None        | 0.00       | 0.01    |
| p14.pddl    | <b>0.00</b> | 0.00        | 0.01  | None        | 0.01       | 0.01    |
| p15.pddl    | <b>0.00</b> | 0.00        | 0.01  | None        | 0.02       | 0.01    |
| p16.pddl    | <b>0.00</b> | 0.01        | 0.02  | None        | 0.03       | 0.01    |
| p17.pddl    | <b>0.00</b> | 0.01        | 0.03  | None        | 0.04       | 0.01    |
| p18.pddl    | <b>0.00</b> | 0.01        | 0.04  | None        | 0.08       | 0.01    |
| p19.pddl    | <b>0.00</b> | 0.01        | 0.05  | None        | 0.09       | 0.02    |
| p20.pddl    | <b>0.00</b> | 0.01        | 0.06  | None        | 0.10       | 0.02    |
| p21.pddl    | <b>0.00</b> | 0.02        | 0.08  | None        | 0.20       | 0.02    |
| p22.pddl    | <b>0.00</b> | 0.03        | 0.11  | None        | 0.42       | 0.02    |
| p23.pddl    | <b>0.00</b> | 0.03        | 0.12  | None        | 0.37       | 0.03    |
| p24.pddl    | <b>0.00</b> | 0.03        | 0.13  | None        | 0.41       | 0.03    |
| p25.pddl    | <b>0.00</b> | 0.04        | 0.16  | None        | 0.44       | 0.03    |
| p26.pddl    | <b>0.01</b> | 0.06        | 0.24  | None        | 1.00       | 0.04    |
| p27.pddl    | <b>0.01</b> | 0.06        | 0.26  | None        | 0.95       | 0.04    |
| p28.pddl    | <b>0.01</b> | 0.07        | 0.28  | None        | 0.97       | 0.04    |
| p29.pddl    | <b>0.01</b> | 0.08        | 0.32  | None        | None       | 0.05    |
| p30.pddl    | <b>0.01</b> | 0.09        | 0.36  | None        | None       | 0.05    |

# termes-opt18-strips

| Avg dur gao | default     | marked | naive | psvn | psvn_split | watched |
|-------------|-------------|--------|-------|------|------------|---------|
| p01.pddl    | <b>0.00</b> | 0.00   | 0.01  | 0.00 | 0.00       | 0.00    |
| p02.pddl    | <b>0.00</b> | 0.00   | 0.01  | 0.00 | 0.00       | 0.00    |
| p03.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.00    |
| p04.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.00    |
| p05.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.00    |
| p06.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.00    |
| p07.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.00    |
| p08.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.00    |
| p09.pddl    | <b>0.00</b> | 0.00   | 0.02  | None | 0.02       | 0.00    |
| p10.pddl    | <b>0.00</b> | 0.00   | 0.02  | None | 0.02       | 0.00    |
| p11.pddl    | <b>0.00</b> | 0.00   | 0.01  | 0.00 | 0.00       | 0.00    |
| p12.pddl    | <b>0.00</b> | 0.00   | 0.01  | 0.00 | 0.00       | 0.00    |
| p13.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.00    |
| p14.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.00    |
| p15.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.00    |
| p16.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.00    |
| p17.pddl    | <b>0.00</b> | 0.00   | 0.01  | 0.00 | 0.00       | 0.00    |
| p18.pddl    | <b>0.00</b> | 0.00   | 0.01  | 0.00 | 0.00       | 0.00    |
| p19.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.00    |
| p20.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.00    |

**tetris-opt14-strips**

| Avg dur gao | default     | marked | naive | psvn | psvn_split | watched |
|-------------|-------------|--------|-------|------|------------|---------|
| p01-6.pddl  | <b>0.00</b> | 0.02   | 0.10  | None | None       | 0.62    |
| p01-8.pddl  | <b>0.01</b> | 0.07   | 0.26  | None | None       | 2.30    |
| p01-10.pddl | <b>0.01</b> | 0.05   | 0.20  | None | None       | 1.85    |
| p02-4.pddl  | <b>0.00</b> | 0.02   | 0.06  | None | None       | 0.17    |
| p02-6.pddl  | <b>0.01</b> | 0.04   | 0.17  | None | None       | 1.21    |
| p02-8.pddl  | <b>0.01</b> | 0.07   | 0.25  | None | None       | 2.26    |
| p02-10.pddl | <b>0.01</b> | 0.05   | 0.21  | None | None       | 1.90    |
| p03-4.pddl  | <b>0.00</b> | 0.01   | 0.05  | None | None       | 0.11    |
| p03-6.pddl  | <b>0.00</b> | 0.02   | 0.10  | None | None       | 0.43    |
| p03-8.pddl  | <b>0.02</b> | 0.11   | 0.45  | None | None       | 6.69    |
| p03-10.pddl | <b>0.02</b> | 0.14   | 0.71  | None | None       | 12.56   |
| p04-6.pddl  | <b>0.01</b> | 0.02   | 0.11  | None | None       | 0.62    |
| p04-8.pddl  | <b>0.01</b> | 0.08   | 0.34  | None | None       | 4.58    |
| p04-10.pddl | <b>0.02</b> | 0.11   | 0.49  | None | None       | 12.09   |
| p05-6.pddl  | <b>0.00</b> | 0.03   | 0.10  | None | None       | 0.42    |
| p05-8.pddl  | <b>0.02</b> | 0.10   | 0.44  | None | None       | 6.73    |
| p05-10.pddl | <b>0.02</b> | 0.15   | 0.69  | None | None       | 10.90   |

## tidybot-opt11-strips

| Avg dur  | gao | default     | marked | naive | psvn | psvn_split | watched |
|----------|-----|-------------|--------|-------|------|------------|---------|
| p01.pddl |     | <b>0.00</b> | 0.02   | 0.07  | None | None       | 0.08    |
| p02.pddl |     | <b>0.00</b> | 0.04   | 0.11  | None | None       | 0.12    |
| p03.pddl |     | <b>0.00</b> | 0.04   | 0.11  | None | None       | 0.12    |
| p04.pddl |     | <b>0.00</b> | 0.04   | 0.10  | None | None       | 0.12    |
| p05.pddl |     | <b>0.01</b> | 0.07   | 0.17  | None | None       | 0.20    |
| p06.pddl |     | <b>0.01</b> | 0.07   | 0.17  | None | None       | 0.20    |
| p07.pddl |     | <b>0.01</b> | 0.07   | 0.17  | None | None       | 0.18    |
| p08.pddl |     | <b>0.01</b> | 0.07   | 0.17  | None | None       | 0.20    |
| p09.pddl |     | <b>0.01</b> | 0.11   | 0.26  | None | None       | 0.30    |
| p10.pddl |     | <b>0.01</b> | 0.11   | 0.28  | None | None       | 0.30    |
| p11.pddl |     | <b>0.01</b> | 0.12   | 0.28  | None | None       | 0.30    |
| p12.pddl |     | <b>0.01</b> | 0.12   | 0.30  | None | None       | 0.29    |
| p13.pddl |     | <b>0.01</b> | 0.12   | 0.27  | None | None       | 0.30    |
| p14.pddl |     | <b>0.01</b> | 0.18   | 0.44  | None | None       | 0.47    |
| p15.pddl |     | <b>0.01</b> | 0.18   | 0.42  | None | None       | 0.47    |
| p16.pddl |     | <b>0.01</b> | 0.18   | 0.46  | None | None       | 0.49    |
| p17.pddl |     | <b>0.01</b> | 0.18   | 0.43  | None | None       | 0.48    |
| p18.pddl |     | <b>0.01</b> | 0.18   | 0.44  | None | None       | 0.46    |
| p19.pddl |     | <b>0.01</b> | 0.18   | 0.46  | None | None       | 0.48    |
| p20.pddl |     | <b>0.01</b> | 0.18   | 0.48  | None | None       | 0.48    |

# tidybot-opt14-strips

| Avg dur  | gao | default     | marked | naive | psvn | psvn_split | watched |
|----------|-----|-------------|--------|-------|------|------------|---------|
| p01.pddl |     | <b>0.01</b> | 0.18   | 0.47  | None | None       | 0.50    |
| p02.pddl |     | <b>0.01</b> | 0.18   | 0.51  | None | None       | 0.49    |
| p03.pddl |     | <b>0.01</b> | 0.18   | 0.41  | None | None       | 0.48    |
| p04.pddl |     | <b>0.01</b> | 0.18   | 0.49  | None | None       | 0.47    |
| p05.pddl |     | <b>0.01</b> | 0.18   | 0.44  | None | None       | 0.47    |
| p06.pddl |     | <b>0.01</b> | 0.18   | 0.42  | None | None       | 0.51    |
| p07.pddl |     | <b>0.01</b> | 0.18   | 0.41  | None | None       | 0.48    |
| p08.pddl |     | <b>0.01</b> | 0.19   | 0.48  | None | None       | 0.46    |
| p09.pddl |     | <b>0.01</b> | 0.28   | 0.95  | None | None       | 0.73    |
| p10.pddl |     | <b>0.01</b> | 0.27   | 0.91  | None | None       | 0.73    |
| p11.pddl |     | <b>0.01</b> | 0.11   | 0.27  | None | None       | 0.30    |
| p12.pddl |     | <b>0.01</b> | 0.12   | 0.28  | None | None       | 0.30    |
| p13.pddl |     | <b>0.01</b> | 0.12   | 0.28  | None | None       | 0.31    |
| p14.pddl |     | <b>0.01</b> | 0.17   | 0.50  | None | None       | 0.46    |
| p15.pddl |     | <b>0.01</b> | 0.18   | 0.43  | None | None       | 0.47    |
| p16.pddl |     | <b>0.01</b> | 0.18   | 0.47  | None | None       | 0.50    |
| p17.pddl |     | <b>0.01</b> | 0.18   | 0.40  | None | None       | 0.48    |
| p18.pddl |     | <b>0.01</b> | 0.18   | 0.57  | None | None       | 0.47    |
| p19.pddl |     | <b>0.01</b> | 0.18   | 0.46  | None | None       | 0.47    |
| p20.pddl |     | <b>0.01</b> | 0.18   | 0.44  | None | None       | 0.49    |

# tpp

| Avg dur gao | default     | marked | naive | psvn        | psvn_split | watched |
|-------------|-------------|--------|-------|-------------|------------|---------|
| p01.pddl    | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00       | 0.00    |
| p02.pddl    | <b>0.00</b> | 0.00   | 0.00  | 0.00        | 0.00       | 0.00    |
| p03.pddl    | <b>0.00</b> | 0.00   | 0.00  | 0.00        | 0.00       | 0.00    |
| p04.pddl    | <b>0.00</b> | 0.00   | 0.00  | 0.00        | 0.00       | 0.00    |
| p05.pddl    | <b>0.00</b> | 0.00   | 0.00  | 0.00        | 0.00       | 0.01    |
| p06.pddl    | <b>0.00</b> | 0.00   | 0.00  | None        | 0.00       | 0.01    |
| p07.pddl    | <b>0.00</b> | 0.00   | 0.00  | None        | 0.00       | 0.01    |
| p08.pddl    | <b>0.00</b> | 0.00   | 0.00  | None        | 0.01       | 0.01    |
| p09.pddl    | <b>0.00</b> | 0.00   | 0.01  | None        | 0.01       | 0.02    |
| p10.pddl    | <b>0.00</b> | 0.00   | 0.01  | None        | 0.01       | 0.02    |
| p11.pddl    | <b>0.00</b> | 0.00   | 0.01  | None        | 0.01       | 0.01    |
| p12.pddl    | <b>0.00</b> | 0.00   | 0.01  | None        | 0.02       | 0.02    |
| p13.pddl    | <b>0.00</b> | 0.01   | 0.02  | None        | 0.03       | 0.03    |
| p14.pddl    | <b>0.00</b> | 0.01   | 0.03  | None        | 0.03       | 0.03    |
| p15.pddl    | <b>0.00</b> | 0.01   | 0.03  | None        | 0.06       | 0.04    |
| p16.pddl    | <b>0.00</b> | 0.01   | 0.06  | None        | 0.14       | 0.05    |
| p17.pddl    | <b>0.00</b> | 0.02   | 0.08  | None        | 0.17       | 0.07    |
| p18.pddl    | <b>0.00</b> | 0.02   | 0.09  | None        | 0.18       | 0.08    |
| p19.pddl    | <b>0.00</b> | 0.02   | 0.10  | None        | 0.35       | 0.10    |
| p20.pddl    | <b>0.00</b> | 0.02   | 0.10  | None        | 0.39       | 0.11    |
| p21.pddl    | <b>0.00</b> | 0.03   | 0.16  | None        | 0.34       | 0.08    |
| p22.pddl    | <b>0.00</b> | 0.03   | 0.17  | None        | None       | 0.09    |
| p23.pddl    | <b>0.00</b> | 0.03   | 0.19  | None        | None       | 0.11    |
| p24.pddl    | <b>0.00</b> | 0.03   | 0.20  | None        | 0.78       | 0.12    |
| p25.pddl    | <b>0.00</b> | 0.05   | 0.25  | None        | None       | 0.15    |
| p26.pddl    | <b>0.00</b> | 0.08   | 0.44  | None        | None       | 0.21    |
| p27.pddl    | <b>0.00</b> | 0.08   | 0.44  | None        | None       | 0.23    |
| p28.pddl    | <b>0.00</b> | 0.09   | 0.52  | None        | None       | 0.26    |
| p29.pddl    | <b>0.00</b> | 0.11   | 0.83  | None        | None       | 0.34    |
| p30.pddl    | <b>0.00</b> | 0.11   | 1.05  | None        | None       | 0.38    |



# transport-opt08-strips

| Avg dur gao | default     | marked | naive | psvn        | psvn_split | watched |
|-------------|-------------|--------|-------|-------------|------------|---------|
| p01.pddl    | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00       | 0.00    |
| p02.pddl    | <b>0.00</b> | 0.00   | 0.01  | 0.00        | 0.00       | 0.00    |
| p03.pddl    | <b>0.00</b> | 0.00   | 0.01  | None        | 0.01       | 0.00    |
| p04.pddl    | <b>0.00</b> | 0.00   | 0.01  | None        | 0.03       | 0.00    |
| p05.pddl    | <b>0.00</b> | 0.00   | 0.02  | None        | 0.05       | 0.00    |
| p06.pddl    | <b>0.00</b> | 0.01   | 0.04  | None        | 0.12       | 0.00    |
| p07.pddl    | <b>0.00</b> | 0.01   | 0.06  | None        | 0.15       | 0.01    |
| p08.pddl    | <b>0.00</b> | 0.01   | 0.07  | None        | None       | 0.01    |
| p09.pddl    | <b>0.00</b> | 0.02   | 0.09  | None        | 0.29       | 0.01    |
| p10.pddl    | <b>0.00</b> | 0.02   | 0.11  | None        | 0.45       | 0.01    |
| p11.pddl    | <b>0.00</b> | 0.00   | 0.00  | 0.00        | 0.00       | 0.00    |
| p12.pddl    | <b>0.00</b> | 0.00   | 0.01  | 0.00        | 0.00       | 0.00    |
| p13.pddl    | <b>0.00</b> | 0.00   | 0.01  | None        | 0.02       | 0.00    |
| p14.pddl    | <b>0.00</b> | 0.00   | 0.02  | None        | 0.03       | 0.00    |
| p15.pddl    | <b>0.00</b> | 0.01   | 0.03  | None        | 0.06       | 0.00    |
| p16.pddl    | <b>0.00</b> | 0.01   | 0.06  | None        | 0.16       | 0.01    |
| p17.pddl    | <b>0.00</b> | 0.01   | 0.08  | None        | 0.24       | 0.01    |
| p18.pddl    | <b>0.00</b> | 0.02   | 0.10  | None        | 0.36       | 0.01    |
| p19.pddl    | <b>0.00</b> | 0.02   | 0.12  | None        | 0.42       | 0.00    |
| p20.pddl    | <b>0.00</b> | 0.02   | 0.14  | None        | None       | 0.00    |
| p21.pddl    | <b>0.00</b> | 0.00   | 0.00  | 0.00        | 0.00       | 0.00    |
| p22.pddl    | <b>0.00</b> | 0.00   | 0.01  | 0.00        | 0.00       | 0.00    |
| p23.pddl    | <b>0.00</b> | 0.00   | 0.01  | None        | 0.01       | 0.00    |
| p24.pddl    | <b>0.00</b> | 0.00   | 0.01  | None        | 0.02       | 0.00    |
| p25.pddl    | <b>0.00</b> | 0.00   | 0.02  | None        | 0.05       | 0.00    |
| p26.pddl    | <b>0.00</b> | 0.01   | 0.04  | None        | 0.13       | 0.00    |
| p27.pddl    | <b>0.00</b> | 0.01   | 0.06  | None        | 0.16       | 0.00    |
| p28.pddl    | <b>0.00</b> | 0.01   | 0.07  | None        | 0.24       | 0.00    |
| p29.pddl    | <b>0.00</b> | 0.02   | 0.09  | None        | 0.29       | 0.00    |
| p30.pddl    | <b>0.00</b> | 0.02   | 0.10  | None        | 0.36       | 0.01    |

# transport-opt11-strips

| Avg dur  | gao | default     | marked | naive | psvn | psvn_split | watched |
|----------|-----|-------------|--------|-------|------|------------|---------|
| p01.pddl |     | <b>0.00</b> | 0.00   | 0.01  | None | 0.02       | 0.00    |
| p02.pddl |     | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.00    |
| p03.pddl |     | <b>0.00</b> | 0.00   | 0.01  | 0.00 | 0.00       | 0.00    |
| p04.pddl |     | <b>0.00</b> | 0.00   | 0.01  | None | 0.02       | 0.00    |
| p05.pddl |     | <b>0.00</b> | 0.00   | 0.01  | None | 0.02       | 0.00    |
| p06.pddl |     | <b>0.00</b> | 0.00   | 0.01  | None | 0.02       | 0.00    |
| p07.pddl |     | <b>0.00</b> | 0.00   | 0.02  | None | 0.05       | 0.00    |
| p08.pddl |     | <b>0.00</b> | 0.01   | 0.03  | None | 0.06       | 0.00    |
| p09.pddl |     | <b>0.00</b> | 0.01   | 0.02  | None | 0.05       | 0.00    |
| p10.pddl |     | <b>0.00</b> | 0.01   | 0.03  | None | 0.09       | 0.00    |
| p11.pddl |     | <b>0.00</b> | 0.01   | 0.03  | None | 0.04       | 0.00    |
| p12.pddl |     | <b>0.00</b> | 0.01   | 0.04  | None | 0.12       | 0.00    |
| p13.pddl |     | <b>0.00</b> | 0.01   | 0.03  | None | 0.05       | 0.00    |
| p14.pddl |     | <b>0.00</b> | 0.01   | 0.04  | None | 0.12       | 0.00    |
| p15.pddl |     | <b>0.00</b> | 0.01   | 0.03  | None | 0.08       | 0.00    |
| p16.pddl |     | <b>0.00</b> | 0.01   | 0.05  | None | 0.11       | 0.00    |
| p17.pddl |     | <b>0.00</b> | 0.00   | 0.02  | None | 0.05       | 0.00    |
| p18.pddl |     | <b>0.00</b> | 0.00   | 0.02  | None | 0.03       | 0.00    |
| p19.pddl |     | <b>0.00</b> | 0.00   | 0.02  | None | 0.05       | 0.00    |
| p20.pddl |     | <b>0.00</b> | 0.01   | 0.04  | None | 0.10       | 0.00    |

# transport-opt14-strips

| Avg dur  | gao | default     | marked | naive | psvn | psvn_split | watched |
|----------|-----|-------------|--------|-------|------|------------|---------|
| p01.pddl |     | <b>0.00</b> | 0.00   | 0.01  | 0.00 | 0.00       | 0.00    |
| p02.pddl |     | <b>0.00</b> | 0.00   | 0.01  | None | 0.02       | 0.00    |
| p03.pddl |     | <b>0.00</b> | 0.00   | 0.01  | None | 0.03       | 0.00    |
| p04.pddl |     | <b>0.00</b> | 0.01   | 0.03  | None | 0.06       | 0.00    |
| p05.pddl |     | <b>0.00</b> | 0.01   | 0.04  | None | 0.11       | 0.01    |
| p06.pddl |     | <b>0.00</b> | 0.01   | 0.04  | None | 0.10       | 0.00    |
| p07.pddl |     | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.00    |
| p08.pddl |     | <b>0.00</b> | 0.00   | 0.02  | None | 0.04       | 0.00    |
| p09.pddl |     | <b>0.00</b> | 0.01   | 0.03  | None | 0.06       | 0.00    |
| p10.pddl |     | <b>0.00</b> | 0.01   | 0.05  | None | 0.14       | 0.00    |
| p11.pddl |     | <b>0.00</b> | 0.01   | 0.07  | None | None       | 0.00    |
| p12.pddl |     | <b>0.00</b> | 0.01   | 0.08  | None | 0.24       | 0.00    |
| p13.pddl |     | <b>0.00</b> | 0.00   | 0.01  | None | 0.02       | 0.00    |
| p14.pddl |     | <b>0.00</b> | 0.01   | 0.03  | None | 0.07       | 0.00    |
| p15.pddl |     | <b>0.00</b> | 0.01   | 0.04  | None | None       | 0.00    |
| p16.pddl |     | <b>0.00</b> | 0.01   | 0.07  | None | 0.26       | 0.00    |
| p17.pddl |     | <b>0.00</b> | 0.02   | 0.11  | None | 0.41       | 0.00    |
| p18.pddl |     | <b>0.00</b> | 0.02   | 0.13  | None | 0.41       | 0.00    |
| p19.pddl |     | <b>0.00</b> | 0.02   | 0.14  | None | 0.49       | 0.00    |
| p20.pddl |     | <b>0.00</b> | 0.02   | 0.14  | None | 0.51       | 0.00    |

## trucks-strips

| Avg dur gao | default     | marked | naive | psvn | psvn_split | watched |
|-------------|-------------|--------|-------|------|------------|---------|
| p01.pddl    | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.00       | 0.00    |
| p02.pddl    | <b>0.00</b> | 0.00   | 0.01  | 0.00 | 0.00       | 0.00    |
| p03.pddl    | <b>0.00</b> | 0.00   | 0.01  | 0.00 | 0.00       | 0.01    |
| p04.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.01    |
| p05.pddl    | <b>0.00</b> | 0.01   | 0.03  | None | 0.01       | 0.01    |
| p06.pddl    | <b>0.00</b> | 0.01   | 0.03  | None | 0.02       | 0.01    |
| p07.pddl    | <b>0.00</b> | 0.00   | 0.02  | None | 0.01       | 0.01    |
| p08.pddl    | <b>0.00</b> | 0.01   | 0.03  | None | 0.01       | 0.01    |
| p09.pddl    | <b>0.00</b> | 0.01   | 0.04  | None | 0.01       | 0.01    |
| p10.pddl    | <b>0.00</b> | 0.01   | 0.04  | None | 0.01       | 0.01    |
| p11.pddl    | <b>0.00</b> | 0.01   | 0.08  | None | 0.02       | 0.01    |
| p12.pddl    | <b>0.00</b> | 0.01   | 0.09  | None | 0.05       | 0.02    |
| p13.pddl    | <b>0.00</b> | 0.01   | 0.08  | None | 0.05       | 0.01    |
| p14.pddl    | <b>0.00</b> | 0.02   | 0.09  | None | 0.05       | 0.01    |
| p15.pddl    | <b>0.00</b> | 0.02   | 0.09  | None | 0.05       | 0.02    |
| p16.pddl    | <b>0.00</b> | 0.02   | 0.10  | None | 0.11       | 0.02    |
| p17.pddl    | <b>0.00</b> | 0.03   | 0.19  | None | 0.25       | 0.02    |
| p18.pddl    | <b>0.00</b> | 0.04   | 0.19  | None | 0.26       | 0.02    |
| p19.pddl    | <b>0.00</b> | 0.03   | 0.18  | None | 0.24       | 0.02    |
| p20.pddl    | <b>0.00</b> | 0.04   | 0.19  | None | 0.28       | 0.02    |
| p21.pddl    | <b>0.00</b> | 0.04   | 0.20  | None | 0.29       | 0.02    |
| p22.pddl    | <b>0.00</b> | 0.05   | 0.23  | None | 0.15       | 0.03    |
| p23.pddl    | <b>0.00</b> | 0.07   | 0.38  | None | None       | 0.04    |
| p24.pddl    | <b>0.00</b> | 0.08   | 0.39  | None | None       | 0.04    |
| p25.pddl    | <b>0.00</b> | 0.06   | 0.32  | None | 0.32       | 0.20    |
| p26.pddl    | <b>0.00</b> | 0.07   | 0.35  | None | None       | 0.22    |
| p27.pddl    | <b>0.01</b> | 0.08   | 0.41  | None | None       | 0.26    |
| p28.pddl    | <b>0.01</b> | 0.08   | 0.41  | None | None       | 0.28    |
| p29.pddl    | <b>0.01</b> | 0.14   | 0.89  | None | None       | 0.34    |
| p30.pddl    | <b>0.01</b> | 0.15   | 1.27  | None | None       | 0.36    |

# visitall-opt11-strips

| Avg dur gao         | default     | marked | naive       | psvn        | psvn_split | watched |
|---------------------|-------------|--------|-------------|-------------|------------|---------|
| problem02-full.pddl | 0.00        | 0.00   | 0.00        | <b>0.00</b> | 0.00       | 0.00    |
| problem02-half.pddl | 0.00        | 0.00   | <b>0.00</b> | 0.00        | 0.00       | 0.00    |
| problem03-full.pddl | 0.00        | 0.00   | 0.00        | <b>0.00</b> | 0.00       | 0.00    |
| problem03-half.pddl | 0.00        | 0.00   | 0.00        | <b>0.00</b> | 0.00       | 0.00    |
| problem04-full.pddl | 0.00        | 0.00   | 0.00        | <b>0.00</b> | 0.00       | 0.00    |
| problem04-half.pddl | 0.00        | 0.00   | 0.00        | <b>0.00</b> | 0.00       | 0.00    |
| problem05-full.pddl | 0.00        | 0.00   | 0.00        | <b>0.00</b> | 0.00       | 0.00    |
| problem05-half.pddl | 0.00        | 0.00   | 0.00        | <b>0.00</b> | 0.00       | 0.00    |
| problem06-full.pddl | 0.00        | 0.00   | 0.00        | <b>0.00</b> | 0.00       | 0.01    |
| problem06-half.pddl | 0.00        | 0.00   | 0.00        | <b>0.00</b> | 0.00       | 0.00    |
| problem07-full.pddl | 0.00        | 0.00   | 0.00        | <b>0.00</b> | 0.00       | 0.01    |
| problem07-half.pddl | <b>0.00</b> | 0.00   | 0.00        | 0.00        | 0.00       | 0.01    |
| problem08-full.pddl | 0.00        | 0.00   | 0.00        | <b>0.00</b> | 0.00       | 0.02    |
| problem08-half.pddl | 0.00        | 0.00   | 0.00        | <b>0.00</b> | 0.00       | 0.01    |
| problem09-full.pddl | 0.00        | 0.00   | 0.00        | <b>0.00</b> | 0.00       | 0.03    |
| problem09-half.pddl | 0.00        | 0.00   | 0.00        | <b>0.00</b> | 0.00       | 0.01    |
| problem10-full.pddl | 0.00        | 0.00   | 0.00        | <b>0.00</b> | 0.00       | 0.04    |
| problem10-half.pddl | 0.00        | 0.00   | 0.00        | <b>0.00</b> | 0.00       | 0.01    |
| problem11-full.pddl | 0.00        | 0.00   | 0.01        | <b>0.00</b> | 0.00       | 0.06    |
| problem11-half.pddl | 0.00        | 0.00   | 0.01        | <b>0.00</b> | 0.00       | 0.02    |

# visitall-opt14-strips

| Avg dur gao  | default     | marked | naive | psvn        | psvn_split | watched |
|--------------|-------------|--------|-------|-------------|------------|---------|
| p-1-5.pddl   | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00       | 0.00    |
| p-1-6.pddl   | <b>0.00</b> | 0.00   | 0.00  | 0.00        | 0.00       | 0.01    |
| p-1-7.pddl   | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00       | 0.01    |
| p-1-8.pddl   | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00       | 0.02    |
| p-1-9.pddl   | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00       | 0.03    |
| p-1-10.pddl  | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00       | 0.04    |
| p-1-11.pddl  | <b>0.00</b> | 0.00   | 0.01  | 0.00        | 0.00       | 0.06    |
| p-1-12.pddl  | <b>0.00</b> | 0.00   | 0.01  | 0.00        | 0.00       | 0.08    |
| p-1-13.pddl  | 0.00        | 0.00   | 0.01  | <b>0.00</b> | 0.00       | 0.11    |
| p-1-14.pddl  | <b>0.00</b> | 0.00   | 0.01  | 0.00        | 0.00       | 0.14    |
| p-1-15.pddl  | 0.00        | 0.00   | 0.01  | <b>0.00</b> | 0.00       | 0.17    |
| p-1-16.pddl  | <b>0.00</b> | 0.00   | 0.01  | 0.00        | 0.00       | 0.23    |
| p-1-17.pddl  | 0.00        | 0.00   | 0.01  | <b>0.00</b> | 0.00       | 0.29    |
| p-1-18.pddl  | 0.00        | 0.01   | 0.02  | <b>0.00</b> | 0.00       | 0.36    |
| p-05-5.pddl  | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00       | 0.00    |
| p-05-6.pddl  | <b>0.00</b> | 0.00   | 0.00  | 0.00        | 0.00       | 0.00    |
| p-05-7.pddl  | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00       | 0.00    |
| p-05-8.pddl  | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00       | 0.01    |
| p-05-9.pddl  | <b>0.00</b> | 0.00   | 0.00  | 0.00        | 0.00       | 0.01    |
| p-05-10.pddl | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00       | 0.01    |

## woodworking-opt08-strips

| Avg dur gao | default     | marked | naive | psvn | psvn_split | watched |
|-------------|-------------|--------|-------|------|------------|---------|
| p01.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.01    |
| p02.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.01    |
| p03.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.01    |
| p04.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.03       | 0.02    |
| p05.pddl    | <b>0.00</b> | 0.01   | 0.02  | None | 0.03       | 0.03    |
| p06.pddl    | <b>0.00</b> | 0.01   | 0.02  | None | 0.03       | 0.03    |
| p07.pddl    | <b>0.00</b> | 0.01   | 0.02  | None | 0.03       | 0.04    |
| p08.pddl    | <b>0.00</b> | 0.01   | 0.03  | None | 0.08       | 0.06    |
| p09.pddl    | <b>0.00</b> | 0.01   | 0.03  | None | 0.07       | 0.05    |
| p10.pddl    | <b>0.00</b> | 0.01   | 0.04  | None | 0.18       | 0.07    |
| p11.pddl    | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.00       | 0.01    |
| p12.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.01    |
| p13.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.02    |
| p14.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.02    |
| p15.pddl    | <b>0.00</b> | 0.01   | 0.02  | None | 0.03       | 0.02    |
| p16.pddl    | <b>0.00</b> | 0.01   | 0.02  | None | 0.03       | 0.03    |
| p17.pddl    | <b>0.00</b> | 0.01   | 0.03  | None | 0.04       | 0.04    |
| p18.pddl    | <b>0.00</b> | 0.01   | 0.03  | None | 0.08       | 0.05    |
| p19.pddl    | <b>0.00</b> | 0.01   | 0.03  | None | 0.05       | 0.06    |
| p20.pddl    | <b>0.00</b> | 0.01   | 0.04  | None | 0.17       | 0.08    |
| p21.pddl    | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.01       | 0.01    |
| p22.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.00       | 0.01    |
| p23.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.01    |
| p24.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.02    |
| p25.pddl    | <b>0.00</b> | 0.01   | 0.02  | None | 0.03       | 0.02    |
| p26.pddl    | <b>0.00</b> | 0.01   | 0.02  | None | 0.05       | 0.03    |
| p27.pddl    | <b>0.00</b> | 0.01   | 0.02  | None | 0.03       | 0.03    |
| p28.pddl    | <b>0.00</b> | 0.01   | 0.02  | None | 0.04       | 0.04    |
| p29.pddl    | <b>0.00</b> | 0.01   | 0.03  | None | 0.09       | 0.06    |
| p30.pddl    | <b>0.00</b> | 0.01   | 0.03  | None | 0.08       | 0.06    |

# woodworking-opt11-strips

| Avg dur  | gao | default     | marked | naive | psvn | psvn_split | watched |
|----------|-----|-------------|--------|-------|------|------------|---------|
| p01.pddl |     | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.01    |
| p02.pddl |     | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.01    |
| p03.pddl |     | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.02    |
| p04.pddl |     | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.01    |
| p05.pddl |     | <b>0.00</b> | 0.00   | 0.01  | None | 0.01       | 0.02    |
| p06.pddl |     | <b>0.00</b> | 0.00   | 0.01  | None | 0.03       | 0.02    |
| p07.pddl |     | <b>0.00</b> | 0.00   | 0.01  | None | 0.02       | 0.02    |
| p08.pddl |     | <b>0.00</b> | 0.01   | 0.02  | None | 0.03       | 0.02    |
| p09.pddl |     | <b>0.00</b> | 0.01   | 0.02  | None | 0.03       | 0.03    |
| p10.pddl |     | <b>0.00</b> | 0.01   | 0.02  | None | 0.03       | 0.02    |
| p11.pddl |     | <b>0.00</b> | 0.01   | 0.02  | None | 0.04       | 0.03    |
| p12.pddl |     | <b>0.00</b> | 0.01   | 0.02  | None | 0.03       | 0.03    |
| p13.pddl |     | <b>0.00</b> | 0.00   | 0.02  | None | 0.03       | 0.03    |
| p14.pddl |     | <b>0.00</b> | 0.01   | 0.02  | None | 0.03       | 0.04    |
| p15.pddl |     | <b>0.00</b> | 0.01   | 0.02  | None | 0.04       | 0.04    |
| p16.pddl |     | <b>0.00</b> | 0.01   | 0.02  | None | 0.03       | 0.04    |
| p17.pddl |     | <b>0.00</b> | 0.01   | 0.02  | None | 0.04       | 0.04    |
| p18.pddl |     | <b>0.00</b> | 0.01   | 0.03  | None | 0.08       | 0.05    |
| p19.pddl |     | <b>0.00</b> | 0.01   | 0.03  | None | 0.08       | 0.06    |
| p20.pddl |     | <b>0.00</b> | 0.01   | 0.03  | None | 0.09       | 0.06    |



## zenotravel

| Avg dur gao | default     | marked | naive | psvn        | psvn_split  | watched |
|-------------|-------------|--------|-------|-------------|-------------|---------|
| p01.pddl    | 0.01        | 0.00   | 0.01  | 0.00        | <b>0.00</b> | 0.01    |
| p02.pddl    | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| p03.pddl    | <b>0.00</b> | 0.00   | 0.01  | 0.00        | 0.00        | 0.00    |
| p04.pddl    | <b>0.00</b> | 0.00   | 0.01  | 0.00        | 0.00        | 0.00    |
| p05.pddl    | <b>0.00</b> | 0.00   | 0.01  | 0.00        | 0.00        | 0.00    |
| p06.pddl    | <b>0.00</b> | 0.00   | 0.01  | 0.00        | 0.00        | 0.00    |
| p07.pddl    | <b>0.00</b> | 0.00   | 0.01  | 0.00        | 0.00        | 0.00    |
| p08.pddl    | <b>0.00</b> | 0.00   | 0.02  | None        | 0.01        | 0.01    |
| p09.pddl    | <b>0.00</b> | 0.00   | 0.02  | None        | 0.01        | 0.01    |
| p10.pddl    | <b>0.00</b> | 0.00   | 0.02  | None        | 0.01        | 0.01    |
| p11.pddl    | <b>0.00</b> | 0.01   | 0.02  | None        | 0.01        | 0.01    |
| p12.pddl    | <b>0.00</b> | 0.00   | 0.03  | None        | 0.01        | 0.01    |
| p13.pddl    | <b>0.00</b> | 0.01   | 0.03  | None        | 0.01        | 0.01    |
| p14.pddl    | <b>0.00</b> | 0.01   | 0.09  | None        | 0.06        | 0.01    |
| p15.pddl    | <b>0.00</b> | 0.02   | 0.13  | None        | 0.11        | 0.01    |
| p16.pddl    | <b>0.00</b> | 0.03   | 0.18  | None        | 0.14        | 0.03    |
| p17.pddl    | <b>0.01</b> | 0.03   | 0.24  | None        | 0.15        | 0.03    |
| p18.pddl    | <b>0.00</b> | 0.04   | 0.29  | None        | 0.25        | 0.03    |
| p19.pddl    | <b>0.01</b> | 0.04   | 0.37  | None        | 0.28        | 0.03    |
| p20.pddl    | <b>0.01</b> | 0.06   | 0.70  | None        | 0.28        | 0.03    |

## cost

| Cost                               | default           | marked            | naive             | psvn              | psvn_split | watched           |
|------------------------------------|-------------------|-------------------|-------------------|-------------------|------------|-------------------|
| airport (7)                        | 114.00            | 114.00            | 114.00            | 114.00            | 114.00     | 114.00            |
| blocks (6)                         | 60.00             | 60.00             | 60.00             | 60.00             | 60.00      | 60.00             |
| depot (1)                          | 10.00             | 10.00             | 10.00             | 10.00             | 10.00      | 10.00             |
| driverlog (1)                      | 7.00              | 7.00              | 7.00              | 7.00              | 7.00       | 7.00              |
| ged-opt14-strips (3)               | 3.00              | 3.00              | 3.00              | 3.00              | 3.00       | 3.00              |
| gripper (2)                        | 28.00             | 28.00             | 28.00             | 28.00             | 28.00      | 28.00             |
| logistics00 (2)                    | 23.00             | 23.00             | 23.00             | 23.00             | 23.00      | 23.00             |
| miconic (20)                       | 242.00            | 242.00            | 242.00            | 242.00            | 242.00     | 242.00            |
| mystery (2)                        | 9.00              | 9.00              | 9.00              | 9.00              | 9.00       | 9.00              |
| nomystery-opt11-strips (2)         | 23.00             | 23.00             | 23.00             | 23.00             | 23.00      | 23.00             |
| openstacks-opt08-strips (4)        | 9.00              | 9.00              | 9.00              | 9.00              | 9.00       | 9.00              |
| openstacks-strips (5)              | 115.00            | 115.00            | 115.00            | 115.00            | 115.00     | 115.00            |
| organic-synthesis-opt18-strips (4) | 6.00              | 6.00              | 6.00              | 6.00              | 6.00       | 6.00              |
| parcprinter-08-strips (5)          | 1381305.00        | 1381305.00        | 1381305.00        | 1381305.00        | 1559303.00 | 1381305.00        |
| parcprinter-opt11-strips (2)       | 886077.00         | 886077.00         | 886077.00         | 886077.00         | 975076.00  | 886077.00         |
| pegsol-08-strips (2)               | 6.00              | 6.00              | 6.00              | 6.00              | 6.00       | 6.00              |
| psr-small (1)                      | 10.00             | 10.00             | 10.00             | 10.00             | 10.00      | 10.00             |
| rovers (4)                         | 37.00             | 37.00             | 37.00             | 37.00             | 37.00      | 37.00             |
| satellite (2)                      | 22.00             | 22.00             | 22.00             | 22.00             | 22.00      | 22.00             |
| scanalyzer-08-strips (3)           | 39.00             | 39.00             | 39.00             | 39.00             | 39.00      | 39.00             |
| scanalyzer-opt11-strips (1)        | 13.00             | 13.00             | 13.00             | 13.00             | 13.00      | 13.00             |
| sokoban-opt08-strips (1)           | 9.00              | 9.00              | 9.00              | 9.00              | 9.00       | 9.00              |
| storage (7)                        | 47.00             | 47.00             | 47.00             | 47.00             | 47.00      | 47.00             |
| transport-opt08-strips (5)         | 1751.00           | 1751.00           | 1751.00           | 1751.00           | 1751.00    | 1751.00           |
| trucks-strips (1)                  | 13.00             | 13.00             | 13.00             | 13.00             | 13.00      | 13.00             |
| visitall-opt11-strips (5)          | 29.00             | 29.00             | 29.00             | 29.00             | 31.00      | 29.00             |
| woodworking-opt08-strips (2)       | 225.00            | 225.00            | 225.00            | 225.00            | 235.00     | 225.00            |
| zenotravel (4)                     | 21.00             | 21.00             | 21.00             | 21.00             | 21.00      | 21.00             |
| <b>Sum (104)</b>                   | <b>2270253.00</b> | <b>2270253.00</b> | <b>2270253.00</b> | <b>2270253.00</b> | 2537262.00 | <b>2270253.00</b> |

Only instances where all algorithms have a value for "cost" are considered. Each table entry gives the sum of "cost" for that domain. The last row reports the sum across all domains.

## agricola-opt18-strips

| Cost     | default | marked | naive | psvn | psvn_split | watched |
|----------|---------|--------|-------|------|------------|---------|
| p01.pddl | None    | None   | None  | None | None       | None    |
| p02.pddl | None    | None   | None  | None | None       | None    |
| p03.pddl | None    | None   | None  | None | None       | None    |
| p04.pddl | None    | None   | None  | None | None       | None    |
| p05.pddl | None    | None   | None  | None | None       | None    |
| p06.pddl | None    | None   | None  | None | None       | None    |
| p07.pddl | None    | None   | None  | None | None       | None    |
| p08.pddl | None    | None   | None  | None | None       | None    |
| p09.pddl | None    | None   | None  | None | None       | None    |
| p10.pddl | None    | None   | None  | None | None       | None    |
| p11.pddl | None    | None   | None  | None | None       | None    |
| p12.pddl | None    | None   | None  | None | None       | None    |
| p13.pddl | None    | None   | None  | None | None       | None    |
| p14.pddl | None    | None   | None  | None | None       | None    |
| p15.pddl | None    | None   | None  | None | None       | None    |
| p16.pddl | None    | None   | None  | None | None       | None    |
| p17.pddl | None    | None   | None  | None | None       | None    |
| p18.pddl | None    | None   | None  | None | None       | None    |
| p19.pddl | None    | None   | None  | None | None       | None    |
| p20.pddl | None    | None   | None  | None | None       | None    |

## airport

| Cost                         | default | marked | naive | psvn  | psvn_split | watched |
|------------------------------|---------|--------|-------|-------|------------|---------|
| p01-airport1-p1.pddl         | 8.00    | 8.00   | 8.00  | 8.00  | 8.00       | 8.00    |
| p02-airport1-p1.pddl         | 9.00    | 9.00   | 9.00  | 9.00  | 9.00       | 9.00    |
| p03-airport1-p2.pddl         | 17.00   | 17.00  | 17.00 | 17.00 | 17.00      | 17.00   |
| p04-airport2-p1.pddl         | 20.00   | 20.00  | 20.00 | 20.00 | 20.00      | 20.00   |
| p05-airport2-p1.pddl         | 21.00   | 21.00  | 21.00 | 21.00 | 21.00      | 21.00   |
| p06-airport2-p2.pddl         | 41.00   | 41.00  | 41.00 | 41.00 | None       | 41.00   |
| p07-airport2-p2.pddl         | 41.00   | 41.00  | 41.00 | 41.00 | None       | 41.00   |
| p08-airport2-p3.pddl         | None    | None   | None  | None  | None       | None    |
| p09-airport2-p4.pddl         | None    | None   | None  | None  | None       | None    |
| p10-airport3-p1.pddl         | 18.00   | 18.00  | 18.00 | 18.00 | 18.00      | 18.00   |
| p11-airport3-p1.pddl         | 21.00   | 21.00  | 21.00 | 21.00 | 21.00      | 21.00   |
| p12-airport3-p2.pddl         | 39.00   | 39.00  | 39.00 | None  | None       | 39.00   |
| p13-airport3-p2.pddl         | 37.00   | 37.00  | 37.00 | None  | None       | 37.00   |
| p14-airport3-p3.pddl         | None    | None   | None  | None  | None       | None    |
| p15-airport3-p3.pddl         | None    | None   | None  | None  | None       | None    |
| p16-airport3-p4.pddl         | None    | None   | None  | None  | None       | None    |
| p17-airport3-p5.pddl         | None    | None   | None  | None  | None       | None    |
| p18-airport3-p6.pddl         | None    | None   | None  | None  | None       | None    |
| p19-airport3-p6.pddl         | None    | None   | None  | None  | None       | None    |
| p20-airport3-p7.pddl         | None    | None   | None  | None  | None       | None    |
| p21-airport4halfMUC-p2.pddl  | None    | None   | None  | None  | None       | None    |
| p22-airport4halfMUC-p3.pddl  | None    | None   | None  | None  | None       | None    |
| p23-airport4halfMUC-p4.pddl  | None    | None   | None  | None  | None       | None    |
| p24-airport4halfMUC-p4.pddl  | None    | None   | None  | None  | None       | None    |
| p25-airport4halfMUC-p5.pddl  | None    | None   | None  | None  | None       | None    |
| p26-airport4halfMUC-p6.pddl  | None    | None   | None  | None  | None       | None    |
| p27-airport4halfMUC-p6.pddl  | None    | None   | None  | None  | None       | None    |
| p28-airport4halfMUC-p7.pddl  | None    | None   | None  | None  | None       | None    |
| p29-airport4halfMUC-p8.pddl  | None    | None   | None  | None  | None       | None    |
| p30-airport4halfMUC-p8.pddl  | None    | None   | None  | None  | None       | None    |
| p31-airport4halfMUC-p9.pddl  | None    | None   | None  | None  | None       | None    |
| p32-airport4halfMUC-p10.pddl | None    | None   | None  | None  | None       | None    |
| p33-airport4halfMUC-p10.pddl | None    | None   | None  | None  | None       | None    |
| p34-airport4halfMUC-p11.pddl | None    | None   | None  | None  | None       | None    |
| p35-airport4halfMUC-p12.pddl | None    | None   | None  | None  | None       | None    |
| p36-airport5MUC-p2.pddl      | None    | None   | None  | None  | None       | None    |
| p37-airport5MUC-p3.pddl      | None    | None   | None  | None  | None       | None    |
| p38-airport5MUC-p3.pddl      | None    | None   | None  | None  | None       | None    |
| p39-airport5MUC-p4.pddl      | None    | None   | None  | None  | None       | None    |
| p40-airport5MUC-p4.pddl      | None    | None   | None  | None  | None       | None    |
| p41-airport5MUC-p4.pddl      | None    | None   | None  | None  | None       | None    |
| p42-airport5MUC-p5.pddl      | None    | None   | None  | None  | None       | None    |
| p43-airport5MUC-p5.pddl      | None    | None   | None  | None  | None       | None    |

### barman-opt11-strips

| Cost             | default | marked | naive | psvn | psvn_split | watched |
|------------------|---------|--------|-------|------|------------|---------|
| pfile01-001.pddl | None    | None   | None  | None | None       | None    |
| pfile01-002.pddl | None    | None   | None  | None | None       | None    |
| pfile01-003.pddl | None    | None   | None  | None | None       | None    |
| pfile01-004.pddl | None    | None   | None  | None | None       | None    |
| pfile02-005.pddl | None    | None   | None  | None | None       | None    |
| pfile02-006.pddl | None    | None   | None  | None | None       | None    |
| pfile02-007.pddl | None    | None   | None  | None | None       | None    |
| pfile02-008.pddl | None    | None   | None  | None | None       | None    |
| pfile03-009.pddl | None    | None   | None  | None | None       | None    |
| pfile03-010.pddl | None    | None   | None  | None | None       | None    |
| pfile03-011.pddl | None    | None   | None  | None | None       | None    |
| pfile03-012.pddl | None    | None   | None  | None | None       | None    |
| pfile04-013.pddl | None    | None   | None  | None | None       | None    |
| pfile04-014.pddl | None    | None   | None  | None | None       | None    |
| pfile04-015.pddl | None    | None   | None  | None | None       | None    |
| pfile04-016.pddl | None    | None   | None  | None | None       | None    |
| pfile05-017.pddl | None    | None   | None  | None | None       | None    |
| pfile05-018.pddl | None    | None   | None  | None | None       | None    |
| pfile05-019.pddl | None    | None   | None  | None | None       | None    |
| pfile05-020.pddl | None    | None   | None  | None | None       | None    |

### barman-opt14-strips

| Cost        | default | marked | naive | psvn | psvn_split | watched |
|-------------|---------|--------|-------|------|------------|---------|
| p435-1.pddl | None    | None   | None  | None | None       | None    |
| p435-2.pddl | None    | None   | None  | None | None       | None    |
| p435-3.pddl | None    | None   | None  | None | None       | None    |
| p536-1.pddl | None    | None   | None  | None | None       | None    |
| p536-2.pddl | None    | None   | None  | None | None       | None    |
| p536-3.pddl | None    | None   | None  | None | None       | None    |
| p638-1.pddl | None    | None   | None  | None | None       | None    |
| p638-2.pddl | None    | None   | None  | None | None       | None    |
| p638-3.pddl | None    | None   | None  | None | None       | None    |
| p739-1.pddl | None    | None   | None  | None | None       | None    |
| p739-2.pddl | None    | None   | None  | None | None       | None    |
| p739-3.pddl | None    | None   | None  | None | None       | None    |
| p839-1.pddl | None    | None   | None  | None | None       | None    |
| p839-2.pddl | None    | None   | None  | None | None       | None    |

## blocks

| Cost                 | default      | marked       | naive        | psvn         | psvn_split   | watched      |
|----------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| probBLOCKS-4-0.pddl  | <b>6.00</b>  | <b>6.00</b>  | <b>6.00</b>  | <b>6.00</b>  | <b>6.00</b>  | <b>6.00</b>  |
| probBLOCKS-4-1.pddl  | <b>10.00</b> | <b>10.00</b> | <b>10.00</b> | <b>10.00</b> | <b>10.00</b> | <b>10.00</b> |
| probBLOCKS-4-2.pddl  | <b>6.00</b>  | <b>6.00</b>  | <b>6.00</b>  | <b>6.00</b>  | <b>6.00</b>  | <b>6.00</b>  |
| probBLOCKS-5-0.pddl  | <b>12.00</b> | <b>12.00</b> | <b>12.00</b> | <b>12.00</b> | <b>12.00</b> | <b>12.00</b> |
| probBLOCKS-5-1.pddl  | <b>10.00</b> | <b>10.00</b> | <b>10.00</b> | <b>10.00</b> | <b>10.00</b> | <b>10.00</b> |
| probBLOCKS-5-2.pddl  | <b>16.00</b> | <b>16.00</b> | <b>16.00</b> | <b>16.00</b> | <b>16.00</b> | <b>16.00</b> |
| probBLOCKS-6-0.pddl  | <b>12.00</b> | <b>12.00</b> | <b>12.00</b> | None         | None         | <b>12.00</b> |
| probBLOCKS-6-1.pddl  | <b>10.00</b> | <b>10.00</b> | <b>10.00</b> | None         | None         | <b>10.00</b> |
| probBLOCKS-6-2.pddl  | <b>20.00</b> | <b>20.00</b> | <b>20.00</b> | None         | None         | <b>20.00</b> |
| probBLOCKS-7-0.pddl  | None         | None         | None         | None         | None         | None         |
| probBLOCKS-7-1.pddl  | None         | None         | None         | None         | None         | None         |
| probBLOCKS-7-2.pddl  | None         | None         | None         | None         | None         | None         |
| probBLOCKS-8-0.pddl  | None         | None         | None         | None         | None         | None         |
| probBLOCKS-8-1.pddl  | None         | None         | None         | None         | None         | None         |
| probBLOCKS-8-2.pddl  | None         | None         | None         | None         | None         | None         |
| probBLOCKS-9-0.pddl  | None         | None         | None         | None         | None         | None         |
| probBLOCKS-9-1.pddl  | None         | None         | None         | None         | None         | None         |
| probBLOCKS-9-2.pddl  | None         | None         | None         | None         | None         | None         |
| probBLOCKS-10-0.pddl | None         | None         | None         | None         | None         | None         |
| probBLOCKS-10-1.pddl | None         | None         | None         | None         | None         | None         |
| probBLOCKS-10-2.pddl | None         | None         | None         | None         | None         | None         |
| probBLOCKS-11-0.pddl | None         | None         | None         | None         | None         | None         |
| probBLOCKS-11-1.pddl | None         | None         | None         | None         | None         | None         |
| probBLOCKS-11-2.pddl | None         | None         | None         | None         | None         | None         |
| probBLOCKS-12-0.pddl | None         | None         | None         | None         | None         | None         |
| probBLOCKS-12-1.pddl | None         | None         | None         | None         | None         | None         |
| probBLOCKS-13-0.pddl | None         | None         | None         | None         | None         | None         |
| probBLOCKS-13-1.pddl | None         | None         | None         | None         | None         | None         |
| probBLOCKS-14-0.pddl | None         | None         | None         | None         | None         | None         |
| probBLOCKS-14-1.pddl | None         | None         | None         | None         | None         | None         |
| probBLOCKS-15-0.pddl | None         | None         | None         | None         | None         | None         |
| probBLOCKS-15-1.pddl | None         | None         | None         | None         | None         | None         |
| probBLOCKS-16-1.pddl | None         | None         | None         | None         | None         | None         |
| probBLOCKS-16-2.pddl | None         | None         | None         | None         | None         | None         |
| probBLOCKS-17-0.pddl | None         | None         | None         | None         | None         | None         |

## childsnack-opt14-strips

| Cost                       | default | marked | naive | psvn | psvn_split | watched |
|----------------------------|---------|--------|-------|------|------------|---------|
| child-snack_pfile01-2.pddl | None    | None   | None  | None | None       | None    |
| child-snack_pfile01.pddl   | None    | None   | None  | None | None       | None    |
| child-snack_pfile02-2.pddl | None    | None   | None  | None | None       | None    |
| child-snack_pfile02.pddl   | None    | None   | None  | None | None       | None    |
| child-snack_pfile03-2.pddl | None    | None   | None  | None | None       | None    |
| child-snack_pfile03.pddl   | None    | None   | None  | None | None       | None    |
| child-snack_pfile04-2.pddl | None    | None   | None  | None | None       | None    |
| child-snack_pfile04.pddl   | None    | None   | None  | None | None       | None    |
| child-snack_pfile05-2.pddl | None    | None   | None  | None | None       | None    |
| child-snack_pfile05.pddl   | None    | None   | None  | None | None       | None    |
| child-snack_pfile06-2.pddl | None    | None   | None  | None | None       | None    |
| child-snack_pfile06.pddl   | None    | None   | None  | None | None       | None    |
| child-snack_pfile07-2.pddl | None    | None   | None  | None | None       | None    |
| child-snack_pfile07.pddl   | None    | None   | None  | None | None       | None    |
| child-snack_pfile08-2.pddl | None    | None   | None  | None | None       | None    |
| child-snack_pfile08.pddl   | None    | None   | None  | None | None       | None    |
| child-snack_pfile09-2.pddl | None    | None   | None  | None | None       | None    |
| child-snack_pfile09.pddl   | None    | None   | None  | None | None       | None    |
| child-snack_pfile10-2.pddl | None    | None   | None  | None | None       | None    |
| child-snack_pfile10.pddl   | None    | None   | None  | None | None       | None    |

# data-network-opt18-strips

| Cost     | default       | marked        | naive         | psvn | psvn_split    | watched       |
|----------|---------------|---------------|---------------|------|---------------|---------------|
| p01.pddl | <b>105.00</b> | <b>105.00</b> | <b>105.00</b> | None | <b>105.00</b> | <b>105.00</b> |
| p02.pddl | <b>73.00</b>  | <b>73.00</b>  | <b>73.00</b>  | None | <b>73.00</b>  | <b>73.00</b>  |
| p03.pddl | None          | None          | None          | None | None          | None          |
| p04.pddl | None          | None          | None          | None | None          | None          |
| p05.pddl | None          | None          | None          | None | None          | None          |
| p06.pddl | None          | None          | None          | None | None          | None          |
| p07.pddl | None          | None          | None          | None | None          | None          |
| p08.pddl | None          | None          | None          | None | None          | None          |
| p09.pddl | None          | None          | None          | None | None          | None          |
| p10.pddl | None          | None          | None          | None | None          | None          |
| p11.pddl | <b>47.00</b>  | <b>47.00</b>  | <b>47.00</b>  | None | 51.00         | <b>47.00</b>  |
| p12.pddl | None          | None          | None          | None | None          | None          |
| p13.pddl | None          | None          | None          | None | None          | None          |
| p14.pddl | None          | None          | None          | None | None          | None          |
| p15.pddl | None          | None          | None          | None | None          | None          |
| p16.pddl | None          | None          | None          | None | None          | None          |
| p17.pddl | None          | None          | None          | None | None          | None          |
| p18.pddl | None          | None          | None          | None | None          | None          |
| p19.pddl | None          | None          | None          | None | None          | None          |
| p20.pddl | None          | None          | None          | None | None          | None          |



## depot

| Cost     | default      | marked       | naive        | psvn         | psvn_split   | watched      |
|----------|--------------|--------------|--------------|--------------|--------------|--------------|
| p01.pddl | <b>10.00</b> | <b>10.00</b> | <b>10.00</b> | <b>10.00</b> | <b>10.00</b> | <b>10.00</b> |
| p02.pddl | None         | None         | None         | None         | None         | None         |
| p03.pddl | None         | None         | None         | None         | None         | None         |
| p04.pddl | None         | None         | None         | None         | None         | None         |
| p05.pddl | None         | None         | None         | None         | None         | None         |
| p06.pddl | None         | None         | None         | None         | None         | None         |
| p07.pddl | None         | None         | None         | None         | None         | None         |
| p08.pddl | None         | None         | None         | None         | None         | None         |
| p09.pddl | None         | None         | None         | None         | None         | None         |
| p10.pddl | None         | None         | None         | None         | None         | None         |
| p11.pddl | None         | None         | None         | None         | None         | None         |
| p12.pddl | None         | None         | None         | None         | None         | None         |
| p13.pddl | None         | None         | None         | None         | None         | None         |
| p14.pddl | None         | None         | None         | None         | None         | None         |
| p15.pddl | None         | None         | None         | None         | None         | None         |
| p16.pddl | None         | None         | None         | None         | None         | None         |
| p17.pddl | None         | None         | None         | None         | None         | None         |
| p18.pddl | None         | None         | None         | None         | None         | None         |
| p19.pddl | None         | None         | None         | None         | None         | None         |
| p20.pddl | None         | None         | None         | None         | None         | None         |
| p21.pddl | None         | None         | None         | None         | None         | None         |
| p22.pddl | None         | None         | None         | None         | None         | None         |

## driverlog

| Cost     | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|
| p01.pddl | <b>7.00</b> | <b>7.00</b> | <b>7.00</b> | <b>7.00</b> | <b>7.00</b> | <b>7.00</b> |
| p02.pddl | None        | None        | None        | None        | None        | None        |
| p03.pddl | None        | None        | None        | None        | None        | None        |
| p04.pddl | None        | None        | None        | None        | None        | None        |
| p05.pddl | None        | None        | None        | None        | None        | None        |
| p06.pddl | None        | None        | None        | None        | None        | None        |
| p07.pddl | None        | None        | None        | None        | None        | None        |
| p08.pddl | None        | None        | None        | None        | None        | None        |
| p09.pddl | None        | None        | None        | None        | None        | None        |
| p10.pddl | None        | None        | None        | None        | None        | None        |
| p11.pddl | None        | None        | None        | None        | None        | None        |
| p12.pddl | None        | None        | None        | None        | None        | None        |
| p13.pddl | None        | None        | None        | None        | None        | None        |
| p14.pddl | None        | None        | None        | None        | None        | None        |
| p15.pddl | None        | None        | None        | None        | None        | None        |
| p16.pddl | None        | None        | None        | None        | None        | None        |
| p17.pddl | None        | None        | None        | None        | None        | None        |
| p18.pddl | None        | None        | None        | None        | None        | None        |
| p19.pddl | None        | None        | None        | None        | None        | None        |
| p20.pddl | None        | None        | None        | None        | None        | None        |

## elevators-opt08-strips

| Cost     | default | marked | naive | psvn | psvn_split | watched |
|----------|---------|--------|-------|------|------------|---------|
| p01.pddl | None    | None   | None  | None | None       | None    |
| p02.pddl | None    | None   | None  | None | None       | None    |
| p03.pddl | None    | None   | None  | None | None       | None    |
| p04.pddl | None    | None   | None  | None | None       | None    |
| p05.pddl | None    | None   | None  | None | None       | None    |
| p06.pddl | None    | None   | None  | None | None       | None    |
| p07.pddl | None    | None   | None  | None | None       | None    |
| p08.pddl | None    | None   | None  | None | None       | None    |
| p09.pddl | None    | None   | None  | None | None       | None    |
| p10.pddl | None    | None   | None  | None | None       | None    |
| p11.pddl | None    | None   | None  | None | None       | None    |
| p12.pddl | None    | None   | None  | None | None       | None    |
| p13.pddl | None    | None   | None  | None | None       | None    |
| p14.pddl | None    | None   | None  | None | None       | None    |
| p15.pddl | None    | None   | None  | None | None       | None    |
| p16.pddl | None    | None   | None  | None | None       | None    |
| p17.pddl | None    | None   | None  | None | None       | None    |
| p18.pddl | None    | None   | None  | None | None       | None    |
| p19.pddl | None    | None   | None  | None | None       | None    |
| p20.pddl | None    | None   | None  | None | None       | None    |
| p21.pddl | None    | None   | None  | None | None       | None    |
| p22.pddl | None    | None   | None  | None | None       | None    |
| p23.pddl | None    | None   | None  | None | None       | None    |
| p24.pddl | None    | None   | None  | None | None       | None    |
| p25.pddl | None    | None   | None  | None | None       | None    |
| p26.pddl | None    | None   | None  | None | None       | None    |
| p27.pddl | None    | None   | None  | None | None       | None    |
| p28.pddl | None    | None   | None  | None | None       | None    |
| p29.pddl | None    | None   | None  | None | None       | None    |
| p30.pddl | None    | None   | None  | None | None       | None    |

## elevators-opt11-strips

| Cost     | default | marked | naive | psvn | psvn_split | watched |
|----------|---------|--------|-------|------|------------|---------|
| p01.pddl | None    | None   | None  | None | None       | None    |
| p02.pddl | None    | None   | None  | None | None       | None    |
| p03.pddl | None    | None   | None  | None | None       | None    |
| p04.pddl | None    | None   | None  | None | None       | None    |
| p05.pddl | None    | None   | None  | None | None       | None    |
| p06.pddl | None    | None   | None  | None | None       | None    |
| p07.pddl | None    | None   | None  | None | None       | None    |
| p08.pddl | None    | None   | None  | None | None       | None    |
| p09.pddl | None    | None   | None  | None | None       | None    |
| p10.pddl | None    | None   | None  | None | None       | None    |
| p11.pddl | None    | None   | None  | None | None       | None    |
| p12.pddl | None    | None   | None  | None | None       | None    |
| p13.pddl | None    | None   | None  | None | None       | None    |
| p14.pddl | None    | None   | None  | None | None       | None    |
| p15.pddl | None    | None   | None  | None | None       | None    |
| p16.pddl | None    | None   | None  | None | None       | None    |
| p17.pddl | None    | None   | None  | None | None       | None    |
| p18.pddl | None    | None   | None  | None | None       | None    |
| p19.pddl | None    | None   | None  | None | None       | None    |
| p20.pddl | None    | None   | None  | None | None       | None    |

## floortile-opt11-strips

| Cost             | default | marked | naive | psvn | psvn_split | watched |
|------------------|---------|--------|-------|------|------------|---------|
| opt-p01-001.pddl | None    | None   | None  | None | None       | None    |
| opt-p01-002.pddl | None    | None   | None  | None | None       | None    |
| opt-p02-003.pddl | None    | None   | None  | None | None       | None    |
| opt-p02-004.pddl | None    | None   | None  | None | None       | None    |
| opt-p03-005.pddl | None    | None   | None  | None | None       | None    |
| opt-p03-006.pddl | None    | None   | None  | None | None       | None    |
| opt-p04-007.pddl | None    | None   | None  | None | None       | None    |
| opt-p04-008.pddl | None    | None   | None  | None | None       | None    |
| opt-p05-009.pddl | None    | None   | None  | None | None       | None    |
| opt-p05-010.pddl | None    | None   | None  | None | None       | None    |
| opt-p06-011.pddl | None    | None   | None  | None | None       | None    |
| opt-p06-012.pddl | None    | None   | None  | None | None       | None    |
| opt-p07-013.pddl | None    | None   | None  | None | None       | None    |
| opt-p07-014.pddl | None    | None   | None  | None | None       | None    |
| opt-p08-015.pddl | None    | None   | None  | None | None       | None    |
| opt-p08-016.pddl | None    | None   | None  | None | None       | None    |
| opt-p09-017.pddl | None    | None   | None  | None | None       | None    |
| opt-p09-018.pddl | None    | None   | None  | None | None       | None    |
| opt-p10-019.pddl | None    | None   | None  | None | None       | None    |
| opt-p10-020.pddl | None    | None   | None  | None | None       | None    |

## floortile-opt14-strips

| Cost           | default | marked | naive | psvn | psvn_split | watched |
|----------------|---------|--------|-------|------|------------|---------|
| p01-4-3-2.pddl | None    | None   | None  | None | None       | None    |
| p01-4-4-2.pddl | None    | None   | None  | None | None       | None    |
| p01-5-3-2.pddl | None    | None   | None  | None | None       | None    |
| p01-5-4-2.pddl | None    | None   | None  | None | None       | None    |
| p01-5-5-2.pddl | None    | None   | None  | None | None       | None    |
| p01-6-4-2.pddl | None    | None   | None  | None | None       | None    |
| p01-6-5-2.pddl | None    | None   | None  | None | None       | None    |
| p02-4-4-2.pddl | None    | None   | None  | None | None       | None    |
| p02-5-3-2.pddl | None    | None   | None  | None | None       | None    |
| p02-5-4-2.pddl | None    | None   | None  | None | None       | None    |
| p02-5-5-2.pddl | None    | None   | None  | None | None       | None    |
| p02-6-4-2.pddl | None    | None   | None  | None | None       | None    |
| p02-6-5-2.pddl | None    | None   | None  | None | None       | None    |
| p03-4-3-2.pddl | None    | None   | None  | None | None       | None    |
| p03-4-4-2.pddl | None    | None   | None  | None | None       | None    |
| p03-5-3-2.pddl | None    | None   | None  | None | None       | None    |
| p03-5-4-2.pddl | None    | None   | None  | None | None       | None    |
| p03-5-5-2.pddl | None    | None   | None  | None | None       | None    |
| p03-6-4-2.pddl | None    | None   | None  | None | None       | None    |
| p03-6-5-2.pddl | None    | None   | None  | None | None       | None    |

# freecell

| Cost                  | default     | marked      | naive       | psvn | psvn_split  | watched     |
|-----------------------|-------------|-------------|-------------|------|-------------|-------------|
| p01.pddl              | <b>8.00</b> | <b>8.00</b> | <b>8.00</b> | None | 9.00        | <b>8.00</b> |
| p02.pddl              | None        | None        | None        | None | None        | None        |
| p03.pddl              | None        | None        | None        | None | None        | None        |
| p04.pddl              | None        | None        | None        | None | None        | None        |
| p05.pddl              | None        | None        | None        | None | None        | None        |
| p06.pddl              | None        | None        | None        | None | None        | None        |
| p07.pddl              | None        | None        | None        | None | None        | None        |
| p08.pddl              | None        | None        | None        | None | None        | None        |
| p09.pddl              | None        | None        | None        | None | None        | None        |
| p10.pddl              | None        | None        | None        | None | None        | None        |
| p11.pddl              | None        | None        | None        | None | None        | None        |
| p12.pddl              | None        | None        | None        | None | None        | None        |
| p13.pddl              | None        | None        | None        | None | None        | None        |
| p14.pddl              | None        | None        | None        | None | None        | None        |
| p15.pddl              | None        | None        | None        | None | None        | None        |
| p16.pddl              | None        | None        | None        | None | None        | None        |
| p17.pddl              | None        | None        | None        | None | None        | None        |
| p18.pddl              | None        | None        | None        | None | None        | None        |
| p19.pddl              | None        | None        | None        | None | None        | None        |
| p20.pddl              | None        | None        | None        | None | None        | None        |
| probfreecell-2-1.pddl | <b>9.00</b> | <b>9.00</b> | <b>9.00</b> | None | <b>9.00</b> | <b>9.00</b> |
| probfreecell-2-2.pddl | <b>8.00</b> | <b>8.00</b> | <b>8.00</b> | None | <b>8.00</b> | <b>8.00</b> |
| probfreecell-2-3.pddl | <b>8.00</b> | <b>8.00</b> | <b>8.00</b> | None | <b>8.00</b> | <b>8.00</b> |
| probfreecell-2-4.pddl | <b>8.00</b> | <b>8.00</b> | <b>8.00</b> | None | 9.00        | <b>8.00</b> |
| probfreecell-2-5.pddl | <b>9.00</b> | <b>9.00</b> | <b>9.00</b> | None | <b>9.00</b> | <b>9.00</b> |
| probfreecell-3-1.pddl | None        | None        | None        | None | None        | None        |
| probfreecell-3-2.pddl | None        | None        | None        | None | None        | None        |
| probfreecell-3-3.pddl | None        | None        | None        | None | None        | None        |
| probfreecell-3-4.pddl | None        | None        | None        | None | None        | None        |
| probfreecell-3-5.pddl | None        | None        | None        | None | None        | None        |
| probfreecell-4-1.pddl | None        | None        | None        | None | None        | None        |
| probfreecell-4-2.pddl | None        | None        | None        | None | None        | None        |
| probfreecell-4-3.pddl | None        | None        | None        | None | None        | None        |
| probfreecell-4-4.pddl | None        | None        | None        | None | None        | None        |
| probfreecell-4-5.pddl | None        | None        | None        | None | None        | None        |
| probfreecell-5-1.pddl | None        | None        | None        | None | None        | None        |
| probfreecell-5-2.pddl | None        | None        | None        | None | None        | None        |
| probfreecell-5-3.pddl | None        | None        | None        | None | None        | None        |
| probfreecell-5-4.pddl | None        | None        | None        | None | None        | None        |
| probfreecell-5-5.pddl | None        | None        | None        | None | None        | None        |
| probfreecell-6-1.pddl | None        | None        | None        | None | None        | None        |
| probfreecell-6-2.pddl | None        | None        | None        | None | None        | None        |
| probfreecell-6-3.pddl | None        | None        | None        | None | None        | None        |
| probfreecell-6-4.pddl | None        | None        | None        | None | None        | None        |

## ged-opt14-strips

| Cost       | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|------------|-------------|-------------|-------------|-------------|-------------|-------------|
| d-1-2.pddl | <b>1.00</b> | <b>1.00</b> | <b>1.00</b> | <b>1.00</b> | <b>1.00</b> | <b>1.00</b> |
| d-1-3.pddl | None        | None        | None        | None        | None        | None        |
| d-1-4.pddl | <b>1.00</b> | <b>1.00</b> | <b>1.00</b> | <b>1.00</b> | <b>1.00</b> | <b>1.00</b> |
| d-1-8.pddl | None        | None        | None        | None        | None        | None        |
| d-2-1.pddl | <b>1.00</b> | <b>1.00</b> | <b>1.00</b> | <b>1.00</b> | <b>1.00</b> | <b>1.00</b> |
| d-2-3.pddl | None        | None        | None        | None        | None        | None        |
| d-2-4.pddl | <b>2.00</b> | <b>2.00</b> | <b>2.00</b> | None        | 3.00        | <b>2.00</b> |
| d-2-8.pddl | None        | None        | None        | None        | None        | None        |
| d-3-1.pddl | None        | None        | None        | None        | <b>4.00</b> | None        |
| d-3-2.pddl | None        | None        | None        | None        | None        | None        |
| d-3-4.pddl | None        | None        | None        | None        | None        | None        |
| d-4-2.pddl | <b>2.00</b> | <b>2.00</b> | <b>2.00</b> | None        | 3.00        | <b>2.00</b> |
| d-4-3.pddl | None        | None        | None        | None        | None        | None        |
| d-4-8.pddl | None        | None        | None        | None        | None        | None        |
| d-7-5.pddl | None        | None        | None        | None        | None        | None        |
| d-7-6.pddl | None        | None        | None        | None        | None        | None        |
| d-8-1.pddl | None        | None        | None        | None        | <b>4.00</b> | None        |
| d-8-2.pddl | None        | None        | None        | None        | None        | None        |
| d-8-4.pddl | None        | None        | None        | None        | None        | None        |
| d-8-9.pddl | None        | None        | None        | None        | None        | None        |

## grid

| Cost        | default      | marked       | naive        | psvn | psvn_split | watched      |
|-------------|--------------|--------------|--------------|------|------------|--------------|
| prob01.pddl | <b>14.00</b> | <b>14.00</b> | <b>14.00</b> | None | None       | <b>14.00</b> |
| prob02.pddl | None         | None         | None         | None | None       | None         |
| prob03.pddl | None         | None         | None         | None | None       | None         |
| prob04.pddl | None         | None         | None         | None | None       | None         |
| prob05.pddl | None         | None         | None         | None | None       | None         |



## gripper

| Cost        | default      | marked       | naive        | psvn         | psvn_split   | watched      |
|-------------|--------------|--------------|--------------|--------------|--------------|--------------|
| prob01.pddl | <b>11.00</b> | <b>11.00</b> | <b>11.00</b> | <b>11.00</b> | <b>11.00</b> | <b>11.00</b> |
| prob02.pddl | <b>17.00</b> | <b>17.00</b> | <b>17.00</b> | <b>17.00</b> | <b>17.00</b> | <b>17.00</b> |
| prob03.pddl | None         | None         | None         | None         | None         | None         |
| prob04.pddl | None         | None         | None         | None         | None         | None         |
| prob05.pddl | None         | None         | None         | None         | None         | None         |
| prob06.pddl | None         | None         | None         | None         | None         | None         |
| prob07.pddl | None         | None         | None         | None         | None         | None         |
| prob08.pddl | None         | None         | None         | None         | None         | None         |
| prob09.pddl | None         | None         | None         | None         | None         | None         |
| prob10.pddl | None         | None         | None         | None         | None         | None         |
| prob11.pddl | None         | None         | None         | None         | None         | None         |
| prob12.pddl | None         | None         | None         | None         | None         | None         |
| prob13.pddl | None         | None         | None         | None         | None         | None         |
| prob14.pddl | None         | None         | None         | None         | None         | None         |
| prob15.pddl | None         | None         | None         | None         | None         | None         |
| prob16.pddl | None         | None         | None         | None         | None         | None         |
| prob17.pddl | None         | None         | None         | None         | None         | None         |
| prob18.pddl | None         | None         | None         | None         | None         | None         |
| prob19.pddl | None         | None         | None         | None         | None         | None         |
| prob20.pddl | None         | None         | None         | None         | None         | None         |

## hiking-opt14-strips

| Cost                | default      | marked       | naive        | psvn         | psvn_split | watched      |
|---------------------|--------------|--------------|--------------|--------------|------------|--------------|
| ptesting-1-2-3.pddl | <b>11.00</b> | <b>11.00</b> | <b>11.00</b> | <b>11.00</b> | None       | <b>11.00</b> |
| ptesting-1-2-4.pddl | <b>17.00</b> | <b>17.00</b> | <b>17.00</b> | <b>17.00</b> | None       | <b>17.00</b> |
| ptesting-1-2-5.pddl | None         | None         | None         | None         | None       | None         |
| ptesting-1-2-7.pddl | None         | None         | None         | None         | None       | None         |
| ptesting-1-2-8.pddl | None         | None         | None         | None         | None       | None         |
| ptesting-2-2-3.pddl | None         | None         | None         | None         | None       | None         |
| ptesting-2-2-4.pddl | None         | None         | None         | None         | None       | None         |
| ptesting-2-2-5.pddl | None         | None         | None         | None         | None       | None         |
| ptesting-2-2-6.pddl | None         | None         | None         | None         | None       | None         |
| ptesting-2-2-7.pddl | None         | None         | None         | None         | None       | None         |
| ptesting-2-2-8.pddl | None         | None         | None         | None         | None       | None         |
| ptesting-2-3-4.pddl | None         | None         | None         | None         | None       | None         |
| ptesting-2-3-5.pddl | None         | None         | None         | None         | None       | None         |
| ptesting-2-3-6.pddl | None         | None         | None         | None         | None       | None         |
| ptesting-2-3-7.pddl | None         | None         | None         | None         | None       | None         |
| ptesting-2-4-3.pddl | None         | None         | None         | None         | None       | None         |
| ptesting-2-4-4.pddl | None         | None         | None         | None         | None       | None         |
| ptesting-2-4-5.pddl | None         | None         | None         | None         | None       | None         |
| ptesting-2-4-6.pddl | None         | None         | None         | None         | None       | None         |
| ptesting-2-4-7.pddl | None         | None         | None         | None         | None       | None         |

## logistics00

| Cost                    | default      | marked       | naive        | psvn         | psvn_split   | watched      |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| probLOGISTICS-4-0.pddl  | None         | None         | None         | None         | None         | None         |
| probLOGISTICS-4-1.pddl  | None         | <b>19.00</b> | <b>19.00</b> | None         | None         | <b>19.00</b> |
| probLOGISTICS-4-2.pddl  | <b>15.00</b> | <b>15.00</b> | <b>15.00</b> | <b>15.00</b> | <b>15.00</b> | <b>15.00</b> |
| probLOGISTICS-5-0.pddl  | None         | None         | None         | None         | None         | None         |
| probLOGISTICS-5-1.pddl  | None         | None         | None         | None         | None         | None         |
| probLOGISTICS-5-2.pddl  | <b>8.00</b>  | <b>8.00</b>  | <b>8.00</b>  | <b>8.00</b>  | <b>8.00</b>  | <b>8.00</b>  |
| probLOGISTICS-6-0.pddl  | None         | None         | None         | None         | None         | None         |
| probLOGISTICS-6-1.pddl  | None         | None         | None         | None         | None         | None         |
| probLOGISTICS-6-2.pddl  | None         | None         | None         | None         | None         | None         |
| probLOGISTICS-6-9.pddl  | None         | None         | None         | None         | None         | None         |
| probLOGISTICS-7-0.pddl  | None         | None         | None         | None         | None         | None         |
| probLOGISTICS-7-1.pddl  | None         | None         | None         | None         | None         | None         |
| probLOGISTICS-8-0.pddl  | None         | None         | None         | None         | None         | None         |
| probLOGISTICS-8-1.pddl  | None         | None         | None         | None         | None         | None         |
| probLOGISTICS-9-0.pddl  | None         | None         | None         | None         | None         | None         |
| probLOGISTICS-9-1.pddl  | None         | None         | None         | None         | None         | None         |
| probLOGISTICS-10-0.pddl | None         | None         | None         | None         | None         | None         |
| probLOGISTICS-10-1.pddl | None         | None         | None         | None         | None         | None         |
| probLOGISTICS-11-0.pddl | None         | None         | None         | None         | None         | None         |
| probLOGISTICS-11-1.pddl | None         | None         | None         | None         | None         | None         |
| probLOGISTICS-12-0.pddl | None         | None         | None         | None         | None         | None         |
| probLOGISTICS-12-1.pddl | None         | None         | None         | None         | None         | None         |
| probLOGISTICS-13-0.pddl | None         | None         | None         | None         | None         | None         |
| probLOGISTICS-13-1.pddl | None         | None         | None         | None         | None         | None         |
| probLOGISTICS-14-0.pddl | None         | None         | None         | None         | None         | None         |
| probLOGISTICS-14-1.pddl | None         | None         | None         | None         | None         | None         |
| probLOGISTICS-15-0.pddl | None         | None         | None         | None         | None         | None         |
| probLOGISTICS-15-1.pddl | None         | None         | None         | None         | None         | None         |

## logistics98

| Cost        | default | marked | naive | psvn | psvn_split | watched |
|-------------|---------|--------|-------|------|------------|---------|
| prob01.pddl | None    | None   | None  | None | None       | None    |
| prob02.pddl | None    | None   | None  | None | None       | None    |
| prob03.pddl | None    | None   | None  | None | None       | None    |
| prob04.pddl | None    | None   | None  | None | None       | None    |
| prob05.pddl | None    | None   | None  | None | None       | None    |
| prob06.pddl | None    | None   | None  | None | None       | None    |
| prob07.pddl | None    | None   | None  | None | None       | None    |
| prob08.pddl | None    | None   | None  | None | None       | None    |
| prob09.pddl | None    | None   | None  | None | None       | None    |
| prob10.pddl | None    | None   | None  | None | None       | None    |
| prob11.pddl | None    | None   | None  | None | None       | None    |
| prob12.pddl | None    | None   | None  | None | None       | None    |
| prob13.pddl | None    | None   | None  | None | None       | None    |
| prob14.pddl | None    | None   | None  | None | None       | None    |
| prob15.pddl | None    | None   | None  | None | None       | None    |
| prob16.pddl | None    | None   | None  | None | None       | None    |
| prob17.pddl | None    | None   | None  | None | None       | None    |
| prob18.pddl | None    | None   | None  | None | None       | None    |
| prob19.pddl | None    | None   | None  | None | None       | None    |
| prob20.pddl | None    | None   | None  | None | None       | None    |
| prob21.pddl | None    | None   | None  | None | None       | None    |
| prob22.pddl | None    | None   | None  | None | None       | None    |
| prob23.pddl | None    | None   | None  | None | None       | None    |
| prob24.pddl | None    | None   | None  | None | None       | None    |
| prob25.pddl | None    | None   | None  | None | None       | None    |
| prob26.pddl | None    | None   | None  | None | None       | None    |
| prob27.pddl | None    | None   | None  | None | None       | None    |
| prob28.pddl | None    | None   | None  | None | None       | None    |
| prob29.pddl | None    | None   | None  | None | None       | None    |
| prob30.pddl | None    | None   | None  | None | None       | None    |
| prob31.pddl | None    | None   | None  | None | None       | None    |
| prob32.pddl | None    | None   | None  | None | None       | None    |
| prob33.pddl | None    | None   | None  | None | None       | None    |
| prob34.pddl | None    | None   | None  | None | None       | None    |
| prob35.pddl | None    | None   | None  | None | None       | None    |

# miconic

| Cost      | default | marked | naive | psvn  | psvn_split | watched |
|-----------|---------|--------|-------|-------|------------|---------|
| s1-0.pddl | 4.00    | 4.00   | 4.00  | 4.00  | None       | 4.00    |
| s1-1.pddl | 3.00    | 3.00   | 3.00  | 3.00  | None       | 3.00    |
| s1-2.pddl | 4.00    | 4.00   | 4.00  | 4.00  | None       | 4.00    |
| s1-3.pddl | 4.00    | 4.00   | 4.00  | 4.00  | None       | 4.00    |
| s1-4.pddl | 4.00    | 4.00   | 4.00  | 4.00  | None       | 4.00    |
| s2-0.pddl | 7.00    | 7.00   | 7.00  | 7.00  | 7.00       | 7.00    |
| s2-1.pddl | 7.00    | 7.00   | 7.00  | 7.00  | 7.00       | 7.00    |
| s2-2.pddl | 7.00    | 7.00   | 7.00  | 7.00  | 7.00       | 7.00    |
| s2-3.pddl | 7.00    | 7.00   | 7.00  | 7.00  | 7.00       | 7.00    |
| s2-4.pddl | 7.00    | 7.00   | 7.00  | 7.00  | 7.00       | 7.00    |
| s3-0.pddl | 10.00   | 10.00  | 10.00 | 10.00 | 10.00      | 10.00   |
| s3-1.pddl | 11.00   | 11.00  | 11.00 | 11.00 | 11.00      | 11.00   |
| s3-2.pddl | 10.00   | 10.00  | 10.00 | 10.00 | 10.00      | 10.00   |
| s3-3.pddl | 10.00   | 10.00  | 10.00 | 10.00 | 10.00      | 10.00   |
| s3-4.pddl | 10.00   | 10.00  | 10.00 | 10.00 | 10.00      | 10.00   |
| s4-0.pddl | 14.00   | 14.00  | 14.00 | 14.00 | 14.00      | 14.00   |
| s4-1.pddl | 13.00   | 13.00  | 13.00 | 13.00 | 13.00      | 13.00   |
| s4-2.pddl | 15.00   | 15.00  | 15.00 | 15.00 | 15.00      | 15.00   |
| s4-3.pddl | 15.00   | 15.00  | 15.00 | 15.00 | 15.00      | 15.00   |
| s4-4.pddl | 15.00   | 15.00  | 15.00 | 15.00 | 15.00      | 15.00   |
| s5-0.pddl | 17.00   | 17.00  | 17.00 | 17.00 | 17.00      | 17.00   |
| s5-1.pddl | 17.00   | 17.00  | 17.00 | 17.00 | 17.00      | 17.00   |
| s5-2.pddl | 15.00   | 15.00  | 15.00 | 15.00 | 15.00      | 15.00   |
| s5-3.pddl | 17.00   | 17.00  | 17.00 | 17.00 | 17.00      | 17.00   |
| s5-4.pddl | 18.00   | 18.00  | 18.00 | 18.00 | 18.00      | 18.00   |
| s6-0.pddl | None    | None   | None  | None  | None       | None    |
| s6-1.pddl | None    | None   | None  | None  | None       | None    |
| s6-2.pddl | None    | None   | None  | None  | None       | None    |
| s6-3.pddl | None    | None   | None  | None  | None       | None    |
| s6-4.pddl | None    | None   | None  | None  | None       | None    |
| s7-0.pddl | None    | None   | None  | None  | None       | None    |
| s7-1.pddl | None    | None   | None  | None  | None       | None    |
| s7-2.pddl | None    | None   | None  | None  | None       | None    |
| s7-3.pddl | None    | None   | None  | None  | None       | None    |
| s7-4.pddl | None    | None   | None  | None  | None       | None    |
| s8-0.pddl | None    | None   | None  | None  | None       | None    |
| s8-1.pddl | None    | None   | None  | None  | None       | None    |
| s8-2.pddl | None    | None   | None  | None  | None       | None    |
| s8-3.pddl | None    | None   | None  | None  | None       | None    |
| s8-4.pddl | None    | None   | None  | None  | None       | None    |
| s9-0.pddl | None    | None   | None  | None  | None       | None    |
| s9-1.pddl | None    | None   | None  | None  | None       | None    |
| s9-2.pddl | None    | None   | None  | None  | None       | None    |
| s9-3.pddl | None    | None   | None  | None  | None       | None    |

## movie

| Cost        | default     | marked | naive       | psvn | psvn_split | watched |
|-------------|-------------|--------|-------------|------|------------|---------|
| prob01.pddl | <b>7.00</b> | None   | <b>7.00</b> | None | None       | None    |
| prob02.pddl | <b>7.00</b> | None   | <b>7.00</b> | None | None       | None    |
| prob03.pddl | <b>7.00</b> | None   | <b>7.00</b> | None | None       | None    |
| prob04.pddl | <b>7.00</b> | None   | <b>7.00</b> | None | None       | None    |
| prob05.pddl | <b>7.00</b> | None   | <b>7.00</b> | None | None       | None    |
| prob06.pddl | <b>7.00</b> | None   | <b>7.00</b> | None | None       | None    |
| prob07.pddl | <b>7.00</b> | None   | <b>7.00</b> | None | None       | None    |
| prob08.pddl | <b>7.00</b> | None   | <b>7.00</b> | None | None       | None    |
| prob09.pddl | <b>7.00</b> | None   | <b>7.00</b> | None | None       | None    |
| prob10.pddl | <b>7.00</b> | None   | <b>7.00</b> | None | None       | None    |
| prob11.pddl | <b>7.00</b> | None   | <b>7.00</b> | None | None       | None    |
| prob12.pddl | <b>7.00</b> | None   | <b>7.00</b> | None | None       | None    |
| prob13.pddl | <b>7.00</b> | None   | <b>7.00</b> | None | None       | None    |
| prob14.pddl | <b>7.00</b> | None   | <b>7.00</b> | None | None       | None    |
| prob15.pddl | <b>7.00</b> | None   | <b>7.00</b> | None | None       | None    |
| prob16.pddl | <b>7.00</b> | None   | <b>7.00</b> | None | None       | None    |
| prob17.pddl | <b>7.00</b> | None   | <b>7.00</b> | None | None       | None    |
| prob18.pddl | <b>7.00</b> | None   | <b>7.00</b> | None | None       | None    |
| prob19.pddl | <b>7.00</b> | None   | <b>7.00</b> | None | None       | None    |
| prob20.pddl | <b>7.00</b> | None   | <b>7.00</b> | None | None       | None    |
| prob21.pddl | <b>7.00</b> | None   | <b>7.00</b> | None | None       | None    |
| prob22.pddl | <b>7.00</b> | None   | <b>7.00</b> | None | None       | None    |
| prob23.pddl | <b>7.00</b> | None   | <b>7.00</b> | None | None       | None    |
| prob24.pddl | <b>7.00</b> | None   | <b>7.00</b> | None | None       | None    |
| prob25.pddl | <b>7.00</b> | None   | <b>7.00</b> | None | None       | None    |
| prob26.pddl | <b>7.00</b> | None   | <b>7.00</b> | None | None       | None    |
| prob27.pddl | <b>7.00</b> | None   | <b>7.00</b> | None | None       | None    |
| prob28.pddl | <b>7.00</b> | None   | <b>7.00</b> | None | None       | None    |
| prob29.pddl | <b>7.00</b> | None   | <b>7.00</b> | None | None       | None    |
| prob30.pddl | <b>7.00</b> | None   | <b>7.00</b> | None | None       | None    |

# mprime

| Cost        | default     | marked      | naive       | psvn | psvn_split  | watched     |
|-------------|-------------|-------------|-------------|------|-------------|-------------|
| prob01.pddl | <b>5.00</b> | <b>5.00</b> | <b>5.00</b> | None | <b>5.00</b> | <b>5.00</b> |
| prob02.pddl | None        | None        | None        | None | None        | None        |
| prob03.pddl | <b>4.00</b> | None        | None        | None | None        | None        |
| prob04.pddl | None        | None        | None        | None | None        | None        |
| prob05.pddl | None        | None        | None        | None | None        | None        |
| prob06.pddl | None        | None        | None        | None | None        | None        |
| prob07.pddl | None        | None        | None        | None | None        | None        |
| prob08.pddl | None        | None        | None        | None | None        | None        |
| prob09.pddl | None        | None        | None        | None | None        | None        |
| prob10.pddl | None        | None        | None        | None | None        | None        |
| prob11.pddl | None        | None        | None        | None | None        | None        |
| prob12.pddl | None        | None        | None        | None | None        | None        |
| prob13.pddl | None        | None        | None        | None | None        | None        |
| prob14.pddl | None        | None        | None        | None | None        | None        |
| prob15.pddl | None        | None        | None        | None | None        | None        |
| prob16.pddl | None        | None        | None        | None | None        | None        |
| prob17.pddl | None        | None        | None        | None | None        | None        |
| prob18.pddl | None        | None        | None        | None | None        | None        |
| prob19.pddl | None        | None        | None        | None | None        | None        |
| prob20.pddl | None        | None        | None        | None | None        | None        |
| prob21.pddl | None        | None        | None        | None | None        | None        |
| prob22.pddl | None        | None        | None        | None | None        | None        |
| prob23.pddl | None        | None        | None        | None | None        | None        |
| prob24.pddl | None        | None        | None        | None | None        | None        |
| prob25.pddl | <b>4.00</b> | <b>4.00</b> | <b>4.00</b> | None | <b>4.00</b> | <b>4.00</b> |
| prob26.pddl | None        | None        | None        | None | None        | None        |
| prob27.pddl | None        | None        | None        | None | None        | None        |
| prob28.pddl | None        | None        | None        | None | None        | None        |
| prob29.pddl | <b>4.00</b> | <b>4.00</b> | <b>4.00</b> | None | <b>4.00</b> | <b>4.00</b> |
| prob30.pddl | None        | None        | None        | None | None        | None        |
| prob31.pddl | <b>4.00</b> | <b>4.00</b> | <b>4.00</b> | None | <b>4.00</b> | <b>4.00</b> |
| prob32.pddl | None        | None        | None        | None | None        | None        |
| prob33.pddl | None        | None        | None        | None | None        | None        |
| prob34.pddl | <b>4.00</b> | <b>4.00</b> | <b>4.00</b> | None | <b>4.00</b> | <b>4.00</b> |
| prob35.pddl | <b>5.00</b> | <b>5.00</b> | <b>5.00</b> | None | <b>5.00</b> | <b>5.00</b> |

## mystery

| Cost        | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| prob01.pddl | <b>5.00</b> | <b>5.00</b> | <b>5.00</b> | <b>5.00</b> | <b>5.00</b> | <b>5.00</b> |
| prob02.pddl | None        | None        | None        | None        | None        | None        |
| prob03.pddl | <b>4.00</b> | <b>4.00</b> | <b>4.00</b> | None        | <b>4.00</b> | <b>4.00</b> |
| prob04.pddl | None        | None        | None        | None        | None        | None        |
| prob05.pddl | None        | None        | None        | None        | None        | None        |
| prob06.pddl | None        | None        | None        | None        | None        | None        |
| prob07.pddl | None        | None        | None        | None        | None        | None        |
| prob08.pddl | None        | None        | None        | None        | None        | None        |
| prob09.pddl | None        | None        | None        | None        | None        | None        |
| prob10.pddl | None        | None        | None        | None        | None        | None        |
| prob11.pddl | <b>7.00</b> | <b>7.00</b> | <b>7.00</b> | None        | <b>7.00</b> | <b>7.00</b> |
| prob12.pddl | None        | None        | None        | None        | None        | None        |
| prob13.pddl | None        | None        | None        | None        | None        | None        |
| prob14.pddl | None        | None        | None        | None        | None        | None        |
| prob15.pddl | None        | None        | None        | None        | None        | None        |
| prob16.pddl | None        | None        | None        | None        | None        | None        |
| prob17.pddl | <b>4.00</b> | <b>4.00</b> | <b>4.00</b> | None        | <b>4.00</b> | <b>4.00</b> |
| prob18.pddl | None        | None        | None        | None        | None        | None        |
| prob19.pddl | None        | None        | None        | None        | None        | None        |
| prob20.pddl | None        | None        | None        | None        | None        | None        |
| prob21.pddl | None        | None        | None        | None        | None        | None        |
| prob22.pddl | None        | None        | None        | None        | None        | None        |
| prob23.pddl | None        | None        | None        | None        | None        | None        |
| prob24.pddl | None        | None        | None        | None        | None        | None        |
| prob25.pddl | <b>4.00</b> | <b>4.00</b> | <b>4.00</b> | <b>4.00</b> | <b>4.00</b> | <b>4.00</b> |
| prob26.pddl | None        | None        | None        | None        | None        | <b>6.00</b> |
| prob27.pddl | <b>5.00</b> | <b>5.00</b> | <b>5.00</b> | None        | <b>5.00</b> | <b>5.00</b> |
| prob28.pddl | <b>7.00</b> | <b>7.00</b> | <b>7.00</b> | None        | <b>7.00</b> | <b>7.00</b> |
| prob29.pddl | <b>4.00</b> | <b>4.00</b> | <b>4.00</b> | None        | <b>4.00</b> | <b>4.00</b> |
| prob30.pddl | None        | None        | None        | None        | None        | None        |



## nomystery-opt11-strips

| Cost     | default      | marked       | naive        | psvn         | psvn_split   | watched      |
|----------|--------------|--------------|--------------|--------------|--------------|--------------|
| p01.pddl | <b>11.00</b> | <b>11.00</b> | <b>11.00</b> | <b>11.00</b> | <b>11.00</b> | <b>11.00</b> |
| p02.pddl | None         | None         | None         | None         | None         | None         |
| p03.pddl | None         | None         | None         | None         | None         | None         |
| p04.pddl | None         | None         | None         | None         | None         | None         |
| p05.pddl | None         | None         | None         | None         | None         | None         |
| p06.pddl | None         | None         | None         | None         | None         | None         |
| p07.pddl | None         | None         | None         | None         | None         | None         |
| p08.pddl | None         | None         | None         | None         | None         | None         |
| p09.pddl | None         | None         | None         | None         | None         | None         |
| p10.pddl | None         | None         | None         | None         | None         | None         |
| p11.pddl | <b>12.00</b> | <b>12.00</b> | <b>12.00</b> | <b>12.00</b> | <b>12.00</b> | <b>12.00</b> |
| p12.pddl | None         | None         | None         | None         | None         | None         |
| p13.pddl | None         | None         | None         | None         | None         | None         |
| p14.pddl | None         | None         | None         | None         | None         | None         |
| p15.pddl | None         | None         | None         | None         | None         | None         |
| p16.pddl | None         | None         | None         | None         | None         | None         |
| p17.pddl | None         | None         | None         | None         | None         | None         |
| p18.pddl | None         | None         | None         | None         | None         | None         |
| p19.pddl | None         | None         | None         | None         | None         | None         |
| p20.pddl | None         | None         | None         | None         | None         | None         |

## openstacks-opt08-strips

| Cost     | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|
| p01.pddl | <b>2.00</b> | <b>2.00</b> | <b>2.00</b> | <b>2.00</b> | <b>2.00</b> | <b>2.00</b> |
| p02.pddl | <b>2.00</b> | <b>2.00</b> | <b>2.00</b> | <b>2.00</b> | <b>2.00</b> | <b>2.00</b> |
| p03.pddl | <b>2.00</b> | <b>2.00</b> | <b>2.00</b> | <b>2.00</b> | <b>2.00</b> | <b>2.00</b> |
| p04.pddl | <b>3.00</b> | <b>3.00</b> | <b>3.00</b> | <b>3.00</b> | <b>3.00</b> | <b>3.00</b> |
| p05.pddl | None        | None        | None        | None        | None        | None        |
| p06.pddl | <b>2.00</b> | <b>2.00</b> | <b>2.00</b> | None        | None        | <b>2.00</b> |
| p07.pddl | None        | None        | None        | None        | None        | None        |
| p08.pddl | None        | None        | None        | None        | None        | None        |
| p09.pddl | None        | None        | None        | None        | None        | None        |
| p10.pddl | None        | None        | None        | None        | None        | None        |
| p11.pddl | None        | None        | None        | None        | None        | None        |
| p12.pddl | None        | None        | None        | None        | None        | None        |
| p13.pddl | None        | None        | None        | None        | None        | None        |
| p14.pddl | None        | None        | None        | None        | None        | None        |
| p15.pddl | None        | None        | None        | None        | None        | None        |
| p16.pddl | None        | None        | None        | None        | None        | None        |
| p17.pddl | None        | None        | None        | None        | None        | None        |
| p18.pddl | None        | None        | None        | None        | None        | None        |
| p19.pddl | None        | None        | None        | None        | None        | None        |
| p20.pddl | None        | None        | None        | None        | None        | None        |
| p21.pddl | None        | None        | None        | None        | None        | None        |
| p22.pddl | None        | None        | None        | None        | None        | None        |
| p23.pddl | None        | None        | None        | None        | None        | None        |
| p24.pddl | None        | None        | None        | None        | None        | None        |
| p25.pddl | None        | None        | None        | None        | None        | None        |
| p26.pddl | None        | None        | None        | None        | None        | None        |
| p27.pddl | None        | None        | None        | None        | None        | None        |
| p28.pddl | None        | None        | None        | None        | None        | None        |
| p29.pddl | None        | None        | None        | None        | None        | None        |
| p30.pddl | None        | None        | None        | None        | None        | None        |

## openstacks-opt11-strips

| Cost     | default     | marked      | naive       | psvn | psvn_split | watched     |
|----------|-------------|-------------|-------------|------|------------|-------------|
| p01.pddl | <b>2.00</b> | <b>2.00</b> | <b>2.00</b> | None | None       | <b>2.00</b> |
| p02.pddl | None        | None        | None        | None | None       | None        |
| p03.pddl | None        | None        | None        | None | None       | None        |
| p04.pddl | None        | None        | None        | None | None       | None        |
| p05.pddl | None        | None        | None        | None | None       | None        |
| p06.pddl | None        | None        | None        | None | None       | None        |
| p07.pddl | None        | None        | None        | None | None       | None        |
| p08.pddl | None        | None        | None        | None | None       | None        |
| p09.pddl | None        | None        | None        | None | None       | None        |
| p10.pddl | None        | None        | None        | None | None       | None        |
| p11.pddl | None        | None        | None        | None | None       | None        |
| p12.pddl | None        | None        | None        | None | None       | None        |
| p13.pddl | None        | None        | None        | None | None       | None        |
| p14.pddl | None        | None        | None        | None | None       | None        |
| p15.pddl | None        | None        | None        | None | None       | None        |
| p16.pddl | None        | None        | None        | None | None       | None        |
| p17.pddl | None        | None        | None        | None | None       | None        |
| p18.pddl | None        | None        | None        | None | None       | None        |
| p19.pddl | None        | None        | None        | None | None       | None        |
| p20.pddl | None        | None        | None        | None | None       | None        |

## openstacks-opt14-strips

| Cost       | default | marked | naive | psvn | psvn_split | watched |
|------------|---------|--------|-------|------|------------|---------|
| p20_1.pddl | None    | None   | None  | None | None       | None    |
| p20_2.pddl | None    | None   | None  | None | None       | None    |
| p20_3.pddl | None    | None   | None  | None | None       | None    |
| p25_1.pddl | None    | None   | None  | None | None       | None    |
| p25_3.pddl | None    | None   | None  | None | None       | None    |
| p30_1.pddl | None    | None   | None  | None | None       | None    |
| p30_2.pddl | None    | None   | None  | None | None       | None    |
| p30_3.pddl | None    | None   | None  | None | None       | None    |
| p35_1.pddl | None    | None   | None  | None | None       | None    |
| p35_2.pddl | None    | None   | None  | None | None       | None    |
| p35_3.pddl | None    | None   | None  | None | None       | None    |
| p40_1.pddl | None    | None   | None  | None | None       | None    |
| p40_2.pddl | None    | None   | None  | None | None       | None    |
| p40_3.pddl | None    | None   | None  | None | None       | None    |
| p45_1.pddl | None    | None   | None  | None | None       | None    |
| p45_2.pddl | None    | None   | None  | None | None       | None    |
| p45_3.pddl | None    | None   | None  | None | None       | None    |
| p50_1.pddl | None    | None   | None  | None | None       | None    |
| p50_2.pddl | None    | None   | None  | None | None       | None    |
| p50_3.pddl | None    | None   | None  | None | None       | None    |

## openstacks-strips

| Cost     | default      | marked       | naive        | psvn         | psvn_split   | watched      |
|----------|--------------|--------------|--------------|--------------|--------------|--------------|
| p01.pddl | <b>23.00</b> | <b>23.00</b> | <b>23.00</b> | <b>23.00</b> | <b>23.00</b> | <b>23.00</b> |
| p02.pddl | <b>23.00</b> | <b>23.00</b> | <b>23.00</b> | <b>23.00</b> | <b>23.00</b> | <b>23.00</b> |
| p03.pddl | <b>23.00</b> | <b>23.00</b> | <b>23.00</b> | <b>23.00</b> | <b>23.00</b> | <b>23.00</b> |
| p04.pddl | <b>23.00</b> | <b>23.00</b> | <b>23.00</b> | <b>23.00</b> | <b>23.00</b> | <b>23.00</b> |
| p05.pddl | <b>23.00</b> | <b>23.00</b> | <b>23.00</b> | <b>23.00</b> | <b>23.00</b> | <b>23.00</b> |
| p06.pddl | None         | None         | None         | None         | None         | None         |
| p07.pddl | None         | None         | None         | None         | None         | None         |
| p08.pddl | None         | None         | None         | None         | None         | None         |
| p09.pddl | None         | None         | None         | None         | None         | None         |
| p10.pddl | None         | None         | None         | None         | None         | None         |
| p11.pddl | None         | None         | None         | None         | None         | None         |
| p12.pddl | None         | None         | None         | None         | None         | None         |
| p13.pddl | None         | None         | None         | None         | None         | None         |
| p14.pddl | None         | None         | None         | None         | None         | None         |
| p15.pddl | None         | None         | None         | None         | None         | None         |
| p16.pddl | None         | None         | None         | None         | None         | None         |
| p17.pddl | None         | None         | None         | None         | None         | None         |
| p18.pddl | None         | None         | None         | None         | None         | None         |
| p19.pddl | None         | None         | None         | None         | None         | None         |
| p20.pddl | None         | None         | None         | None         | None         | None         |
| p21.pddl | None         | None         | None         | None         | None         | None         |
| p22.pddl | None         | None         | None         | None         | None         | None         |
| p23.pddl | None         | None         | None         | None         | None         | None         |
| p24.pddl | None         | None         | None         | None         | None         | None         |
| p25.pddl | None         | None         | None         | None         | None         | None         |
| p26.pddl | None         | None         | None         | None         | None         | None         |
| p27.pddl | None         | None         | None         | None         | None         | None         |
| p28.pddl | None         | None         | None         | None         | None         | None         |
| p29.pddl | None         | None         | None         | None         | None         | None         |
| p30.pddl | None         | None         | None         | None         | None         | None         |

# organic-synthesis-opt18-strips

| Cost     | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|
| p01.pddl | <b>1.00</b> | <b>1.00</b> | <b>1.00</b> | <b>1.00</b> | <b>1.00</b> | <b>1.00</b> |
| p02.pddl | <b>1.00</b> | <b>1.00</b> | <b>1.00</b> | <b>1.00</b> | <b>1.00</b> | <b>1.00</b> |
| p03.pddl | <b>2.00</b> | <b>2.00</b> | <b>2.00</b> | <b>2.00</b> | <b>2.00</b> | <b>2.00</b> |
| p04.pddl | None        | None        | None        | None        | None        | None        |
| p05.pddl | None        | None        | None        | None        | None        | None        |
| p06.pddl | None        | None        | None        | None        | None        | None        |
| p07.pddl | <b>2.00</b> | <b>2.00</b> | <b>2.00</b> | <b>2.00</b> | <b>2.00</b> | <b>2.00</b> |
| p08.pddl | None        | None        | None        | None        | None        | None        |
| p09.pddl | <b>2.00</b> | <b>2.00</b> | <b>2.00</b> | None        | None        | <b>2.00</b> |
| p10.pddl | <b>2.00</b> | <b>2.00</b> | <b>2.00</b> | None        | None        | <b>2.00</b> |
| p11.pddl | None        | None        | None        | None        | None        | None        |
| p12.pddl | None        | None        | None        | None        | None        | None        |
| p13.pddl | None        | None        | None        | None        | None        | None        |
| p14.pddl | <b>2.00</b> | <b>2.00</b> | <b>2.00</b> | None        | None        | <b>2.00</b> |
| p15.pddl | None        | None        | None        | None        | None        | None        |
| p16.pddl | None        | None        | None        | None        | None        | None        |
| p17.pddl | None        | None        | None        | None        | None        | None        |
| p18.pddl | None        | None        | None        | None        | None        | None        |
| p19.pddl | None        | None        | None        | None        | None        | None        |
| p20.pddl | None        | None        | None        | None        | None        | None        |

# organic-synthesis-split-opt18-strips

| Cost     | default       | marked        | naive         | psvn | psvn_split | watched       |
|----------|---------------|---------------|---------------|------|------------|---------------|
| p01.pddl | <b>41.00</b>  | <b>41.00</b>  | <b>41.00</b>  | None | None       | <b>41.00</b>  |
| p02.pddl | <b>41.00</b>  | <b>41.00</b>  | <b>41.00</b>  | None | None       | <b>41.00</b>  |
| p03.pddl | None          | None          | None          | None | None       | None          |
| p04.pddl | None          | None          | None          | None | None       | None          |
| p05.pddl | None          | None          | None          | None | None       | None          |
| p06.pddl | None          | None          | None          | None | None       | None          |
| p07.pddl | <b>252.00</b> | <b>252.00</b> | <b>252.00</b> | None | None       | <b>252.00</b> |
| p08.pddl | None          | None          | None          | None | None       | None          |
| p09.pddl | None          | None          | None          | None | None       | None          |
| p10.pddl | None          | None          | None          | None | None       | None          |
| p11.pddl | None          | None          | None          | None | None       | None          |
| p12.pddl | None          | None          | None          | None | None       | None          |
| p13.pddl | None          | None          | None          | None | None       | None          |
| p14.pddl | None          | None          | None          | None | None       | None          |
| p15.pddl | None          | None          | None          | None | None       | None          |
| p16.pddl | None          | None          | None          | None | None       | None          |
| p17.pddl | None          | None          | None          | None | None       | None          |
| p18.pddl | None          | None          | None          | None | None       | None          |
| p19.pddl | None          | None          | None          | None | None       | None          |
| p20.pddl | None          | None          | None          | None | None       | None          |

# parcprinter-08-strips

| Cost     | default          | marked           | naive            | psvn             | psvn_split       | watched          |
|----------|------------------|------------------|------------------|------------------|------------------|------------------|
| p01.pddl | <b>169009.00</b> | <b>169009.00</b> | <b>169009.00</b> | <b>169009.00</b> | <b>169009.00</b> | <b>169009.00</b> |
| p02.pddl | <b>438047.00</b> | <b>438047.00</b> | <b>438047.00</b> | <b>438047.00</b> | None             | <b>438047.00</b> |
| p03.pddl | <b>807114.00</b> | <b>807114.00</b> | <b>807114.00</b> | <b>807114.00</b> | None             | <b>807114.00</b> |
| p04.pddl | None             | None             | None             | None             | None             | None             |
| p05.pddl | None             | None             | None             | None             | None             | None             |
| p06.pddl | None             | None             | None             | None             | None             | None             |
| p07.pddl | None             | None             | None             | None             | None             | None             |
| p08.pddl | None             | None             | None             | None             | None             | None             |
| p09.pddl | None             | None             | None             | None             | None             | None             |
| p10.pddl | None             | None             | None             | None             | None             | None             |
| p11.pddl | <b>182808.00</b> | <b>182808.00</b> | <b>182808.00</b> | <b>182808.00</b> | <b>182808.00</b> | <b>182808.00</b> |
| p12.pddl | <b>510256.00</b> | <b>510256.00</b> | <b>510256.00</b> | <b>510256.00</b> | <b>510256.00</b> | <b>510256.00</b> |
| p13.pddl | None             | None             | None             | None             | None             | None             |
| p14.pddl | None             | None             | None             | None             | None             | None             |
| p15.pddl | None             | None             | None             | None             | None             | None             |
| p16.pddl | None             | None             | None             | None             | None             | None             |
| p17.pddl | None             | None             | None             | None             | None             | None             |
| p18.pddl | None             | None             | None             | None             | None             | None             |
| p19.pddl | None             | None             | None             | None             | None             | None             |
| p20.pddl | None             | None             | None             | None             | None             | None             |
| p21.pddl | <b>143411.00</b> | <b>143411.00</b> | <b>143411.00</b> | <b>143411.00</b> | 232410.00        | <b>143411.00</b> |
| p22.pddl | <b>375821.00</b> | <b>375821.00</b> | <b>375821.00</b> | <b>375821.00</b> | 464820.00        | <b>375821.00</b> |
| p23.pddl | None             | None             | None             | None             | None             | None             |
| p24.pddl | None             | None             | None             | None             | None             | None             |
| p25.pddl | None             | None             | None             | None             | None             | None             |
| p26.pddl | None             | None             | None             | None             | None             | None             |
| p27.pddl | None             | None             | None             | None             | None             | None             |
| p28.pddl | None             | None             | None             | None             | None             | None             |
| p29.pddl | None             | None             | None             | None             | None             | None             |
| p30.pddl | None             | None             | None             | None             | None             | None             |



# parcprinter-opt11-strips

| Cost     | default          | marked           | naive            | psvn             | psvn_split       | watched          |
|----------|------------------|------------------|------------------|------------------|------------------|------------------|
| p01.pddl | <b>375821.00</b> | <b>375821.00</b> | <b>375821.00</b> | <b>375821.00</b> | 464820.00        | <b>375821.00</b> |
| p02.pddl | <b>438047.00</b> | <b>438047.00</b> | <b>438047.00</b> | <b>438047.00</b> | None             | <b>438047.00</b> |
| p03.pddl | <b>510256.00</b> | <b>510256.00</b> | <b>510256.00</b> | <b>510256.00</b> | <b>510256.00</b> | <b>510256.00</b> |
| p04.pddl | None             | None             | None             | None             | None             | None             |
| p05.pddl | None             | None             | None             | None             | None             | None             |
| p06.pddl | None             | None             | None             | None             | None             | None             |
| p07.pddl | None             | None             | None             | None             | None             | None             |
| p08.pddl | None             | None             | None             | None             | None             | None             |
| p09.pddl | None             | None             | None             | None             | None             | None             |
| p10.pddl | None             | None             | None             | None             | None             | None             |
| p11.pddl | None             | None             | None             | None             | None             | None             |
| p12.pddl | None             | None             | None             | None             | None             | None             |
| p13.pddl | None             | None             | None             | None             | None             | None             |
| p14.pddl | None             | None             | None             | None             | None             | None             |
| p15.pddl | None             | None             | None             | None             | None             | None             |
| p16.pddl | None             | None             | None             | None             | None             | None             |
| p17.pddl | None             | None             | None             | None             | None             | None             |
| p18.pddl | None             | None             | None             | None             | None             | None             |
| p19.pddl | None             | None             | None             | None             | None             | None             |
| p20.pddl | None             | None             | None             | None             | None             | None             |

## parking-opt11-strips

| Cost             | default | marked | naive | psvn | psvn_split | watched |
|------------------|---------|--------|-------|------|------------|---------|
| pfile03-011.pddl | None    | None   | None  | None | None       | None    |
| pfile03-012.pddl | None    | None   | None  | None | None       | None    |
| pfile04-013.pddl | None    | None   | None  | None | None       | None    |
| pfile04-014.pddl | None    | None   | None  | None | None       | None    |
| pfile04-015.pddl | None    | None   | None  | None | None       | None    |
| pfile04-016.pddl | None    | None   | None  | None | None       | None    |
| pfile05-017.pddl | None    | None   | None  | None | None       | None    |
| pfile05-018.pddl | None    | None   | None  | None | None       | None    |
| pfile05-019.pddl | None    | None   | None  | None | None       | None    |
| pfile05-020.pddl | None    | None   | None  | None | None       | None    |
| pfile06-021.pddl | None    | None   | None  | None | None       | None    |
| pfile06-022.pddl | None    | None   | None  | None | None       | None    |
| pfile06-023.pddl | None    | None   | None  | None | None       | None    |
| pfile06-024.pddl | None    | None   | None  | None | None       | None    |
| pfile07-025.pddl | None    | None   | None  | None | None       | None    |
| pfile07-026.pddl | None    | None   | None  | None | None       | None    |
| pfile07-027.pddl | None    | None   | None  | None | None       | None    |
| pfile07-028.pddl | None    | None   | None  | None | None       | None    |
| pfile08-029.pddl | None    | None   | None  | None | None       | None    |
| pfile08-030.pddl | None    | None   | None  | None | None       | None    |

## parking-opt14-strips

| Cost            | default | marked | naive | psvn | psvn_split | watched |
|-----------------|---------|--------|-------|------|------------|---------|
| p_12_7-01.pddl  | None    | None   | None  | None | None       | None    |
| p_12_7-02.pddl  | None    | None   | None  | None | None       | None    |
| p_12_7-03.pddl  | None    | None   | None  | None | None       | None    |
| p_12_7-04.pddl  | None    | None   | None  | None | None       | None    |
| p_14_8-01.pddl  | None    | None   | None  | None | None       | None    |
| p_14_8-02.pddl  | None    | None   | None  | None | None       | None    |
| p_14_8-03.pddl  | None    | None   | None  | None | None       | None    |
| p_14_8-04.pddl  | None    | None   | None  | None | None       | None    |
| p_16_9-01.pddl  | None    | None   | None  | None | None       | None    |
| p_16_9-02.pddl  | None    | None   | None  | None | None       | None    |
| p_16_9-03.pddl  | None    | None   | None  | None | None       | None    |
| p_16_9-04.pddl  | None    | None   | None  | None | None       | None    |
| p_18_10-01.pddl | None    | None   | None  | None | None       | None    |
| p_18_10-02.pddl | None    | None   | None  | None | None       | None    |
| p_18_10-03.pddl | None    | None   | None  | None | None       | None    |
| p_18_10-04.pddl | None    | None   | None  | None | None       | None    |
| p_20_11-01.pddl | None    | None   | None  | None | None       | None    |
| p_20_11-02.pddl | None    | None   | None  | None | None       | None    |
| p_20_11-03.pddl | None    | None   | None  | None | None       | None    |
| p_20_11-04.pddl | None    | None   | None  | None | None       | None    |

## pathways

| Cost     | default      | marked       | naive        | psvn | psvn_split   | watched      |
|----------|--------------|--------------|--------------|------|--------------|--------------|
| p01.pddl | <b>6.00</b>  | <b>6.00</b>  | <b>6.00</b>  | None | <b>6.00</b>  | <b>6.00</b>  |
| p02.pddl | <b>12.00</b> | <b>12.00</b> | <b>12.00</b> | None | <b>12.00</b> | <b>12.00</b> |
| p03.pddl | None         | None         | None         | None | None         | None         |
| p04.pddl | None         | None         | None         | None | None         | None         |
| p05.pddl | None         | None         | None         | None | None         | None         |
| p06.pddl | None         | None         | None         | None | None         | None         |
| p07.pddl | None         | None         | None         | None | None         | None         |
| p08.pddl | None         | None         | None         | None | None         | None         |
| p09.pddl | None         | None         | None         | None | None         | None         |
| p10.pddl | None         | None         | None         | None | None         | None         |
| p11.pddl | None         | None         | None         | None | None         | None         |
| p12.pddl | None         | None         | None         | None | None         | None         |
| p13.pddl | None         | None         | None         | None | None         | None         |
| p14.pddl | None         | None         | None         | None | None         | None         |
| p15.pddl | None         | None         | None         | None | None         | None         |
| p16.pddl | None         | None         | None         | None | None         | None         |
| p17.pddl | None         | None         | None         | None | None         | None         |
| p18.pddl | None         | None         | None         | None | None         | None         |
| p19.pddl | None         | None         | None         | None | None         | None         |
| p20.pddl | None         | None         | None         | None | None         | None         |
| p21.pddl | None         | None         | None         | None | None         | None         |
| p22.pddl | None         | None         | None         | None | None         | None         |
| p23.pddl | None         | None         | None         | None | None         | None         |
| p24.pddl | None         | None         | None         | None | None         | None         |
| p25.pddl | None         | None         | None         | None | None         | None         |
| p26.pddl | None         | None         | None         | None | None         | None         |
| p27.pddl | None         | None         | None         | None | None         | None         |
| p28.pddl | None         | None         | None         | None | None         | None         |
| p29.pddl | None         | None         | None         | None | None         | None         |
| p30.pddl | None         | None         | None         | None | None         | None         |

## pegsol-08-strips

| Cost     | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|
| p01.pddl | <b>2.00</b> | <b>2.00</b> | <b>2.00</b> | <b>2.00</b> | <b>2.00</b> | <b>2.00</b> |
| p02.pddl | <b>5.00</b> | <b>5.00</b> | <b>5.00</b> | None        | None        | <b>5.00</b> |
| p03.pddl | <b>4.00</b> | <b>4.00</b> | <b>4.00</b> | None        | <b>4.00</b> | <b>4.00</b> |
| p04.pddl | <b>4.00</b> | <b>4.00</b> | <b>4.00</b> | None        | <b>4.00</b> | <b>4.00</b> |
| p05.pddl | <b>4.00</b> | <b>4.00</b> | <b>4.00</b> | <b>4.00</b> | <b>4.00</b> | <b>4.00</b> |
| p06.pddl | <b>4.00</b> | <b>4.00</b> | <b>4.00</b> | None        | 6.00        | <b>4.00</b> |
| p07.pddl | <b>3.00</b> | <b>3.00</b> | <b>3.00</b> | None        | None        | <b>3.00</b> |
| p08.pddl | None        | None        | None        | None        | None        | None        |
| p09.pddl | <b>5.00</b> | <b>5.00</b> | <b>5.00</b> | None        | <b>5.00</b> | <b>5.00</b> |
| p10.pddl | None        | None        | None        | None        | None        | None        |
| p11.pddl | None        | None        | None        | None        | None        | None        |
| p12.pddl | None        | None        | None        | None        | None        | None        |
| p13.pddl | None        | None        | None        | None        | None        | None        |
| p14.pddl | None        | None        | None        | None        | None        | None        |
| p15.pddl | None        | None        | None        | None        | None        | None        |
| p16.pddl | None        | None        | None        | None        | None        | None        |
| p17.pddl | None        | None        | None        | None        | None        | None        |
| p18.pddl | None        | None        | None        | None        | None        | None        |
| p19.pddl | None        | None        | None        | None        | None        | None        |
| p20.pddl | None        | None        | None        | None        | None        | None        |
| p21.pddl | None        | None        | None        | None        | None        | None        |
| p22.pddl | None        | None        | None        | None        | None        | None        |
| p23.pddl | None        | None        | None        | None        | None        | None        |
| p24.pddl | None        | None        | None        | None        | None        | None        |
| p25.pddl | None        | None        | None        | None        | None        | None        |
| p26.pddl | None        | None        | None        | None        | None        | None        |
| p27.pddl | None        | None        | None        | None        | None        | None        |
| p28.pddl | None        | None        | None        | None        | None        | None        |
| p29.pddl | None        | None        | None        | None        | None        | None        |
| p30.pddl | None        | None        | None        | None        | None        | None        |

## pegsol-opt11-strips

| Cost     | default     | marked      | naive       | psvn | psvn_split | watched     |
|----------|-------------|-------------|-------------|------|------------|-------------|
| p01.pddl | <b>3.00</b> | <b>3.00</b> | <b>3.00</b> | None | None       | <b>3.00</b> |
| p02.pddl | None        | None        | None        | None | None       | None        |
| p03.pddl | None        | None        | None        | None | None       | None        |
| p04.pddl | None        | None        | None        | None | None       | None        |
| p05.pddl | None        | None        | None        | None | None       | None        |
| p06.pddl | None        | None        | None        | None | None       | None        |
| p07.pddl | None        | None        | None        | None | None       | None        |
| p08.pddl | None        | None        | None        | None | None       | None        |
| p09.pddl | None        | None        | None        | None | None       | None        |
| p10.pddl | None        | None        | None        | None | None       | None        |
| p11.pddl | None        | None        | None        | None | None       | None        |
| p12.pddl | None        | None        | None        | None | None       | None        |
| p13.pddl | None        | None        | None        | None | None       | None        |
| p14.pddl | None        | None        | None        | None | None       | None        |
| p15.pddl | None        | None        | None        | None | None       | None        |
| p16.pddl | None        | None        | None        | None | None       | None        |
| p17.pddl | None        | None        | None        | None | None       | None        |
| p18.pddl | None        | None        | None        | None | None       | None        |
| p19.pddl | None        | None        | None        | None | None       | None        |
| p20.pddl | None        | None        | None        | None | None       | None        |

## petri-net-alignment-opt18-strips

| Cost     | default | marked | naive | psvn | psvn_split | watched |
|----------|---------|--------|-------|------|------------|---------|
| p01.pddl | None    | None   | None  | None | None       | None    |
| p02.pddl | None    | None   | None  | None | None       | None    |
| p03.pddl | None    | None   | None  | None | None       | None    |
| p04.pddl | None    | None   | None  | None | None       | None    |
| p05.pddl | None    | None   | None  | None | None       | None    |
| p06.pddl | None    | None   | None  | None | None       | None    |
| p07.pddl | None    | None   | None  | None | None       | None    |
| p08.pddl | None    | None   | None  | None | None       | None    |
| p09.pddl | None    | None   | None  | None | None       | None    |
| p10.pddl | None    | None   | None  | None | None       | None    |
| p11.pddl | None    | None   | None  | None | None       | None    |
| p12.pddl | None    | None   | None  | None | None       | None    |
| p13.pddl | None    | None   | None  | None | None       | None    |
| p14.pddl | None    | None   | None  | None | None       | None    |
| p15.pddl | None    | None   | None  | None | None       | None    |
| p16.pddl | None    | None   | None  | None | None       | None    |
| p17.pddl | None    | None   | None  | None | None       | None    |
| p18.pddl | None    | None   | None  | None | None       | None    |
| p19.pddl | None    | None   | None  | None | None       | None    |
| p20.pddl | None    | None   | None  | None | None       | None    |

## pipesworld-notankage

| Cost                 | default      | marked       | naive        | psvn | psvn_split   | watched      |
|----------------------|--------------|--------------|--------------|------|--------------|--------------|
| p01-net1-b6-g2.pddl  | <b>5.00</b>  | <b>5.00</b>  | <b>5.00</b>  | None | <b>5.00</b>  | <b>5.00</b>  |
| p02-net1-b6-g4.pddl  | <b>12.00</b> | <b>12.00</b> | <b>12.00</b> | None | <b>12.00</b> | <b>12.00</b> |
| p03-net1-b8-g3.pddl  | <b>8.00</b>  | <b>8.00</b>  | <b>8.00</b>  | None | <b>8.00</b>  | <b>8.00</b>  |
| p04-net1-b8-g5.pddl  | None         | None         | None         | None | None         | None         |
| p05-net1-b10-g4.pddl | None         | None         | None         | None | None         | None         |
| p06-net1-b10-g6.pddl | None         | None         | None         | None | None         | None         |
| p07-net1-b12-g5.pddl | None         | None         | None         | None | None         | None         |
| p08-net1-b12-g7.pddl | None         | None         | None         | None | None         | None         |
| p09-net1-b14-g6.pddl | None         | None         | None         | None | None         | None         |
| p10-net1-b14-g8.pddl | None         | None         | None         | None | None         | None         |
| p11-net2-b10-g2.pddl | None         | None         | None         | None | None         | None         |
| p12-net2-b10-g4.pddl | None         | None         | None         | None | None         | None         |
| p13-net2-b12-g3.pddl | None         | None         | None         | None | None         | None         |
| p14-net2-b12-g5.pddl | None         | None         | None         | None | None         | None         |
| p15-net2-b14-g4.pddl | None         | None         | None         | None | None         | None         |
| p16-net2-b14-g6.pddl | None         | None         | None         | None | None         | None         |
| p17-net2-b16-g5.pddl | None         | None         | None         | None | None         | None         |
| p18-net2-b16-g7.pddl | None         | None         | None         | None | None         | None         |
| p19-net2-b18-g6.pddl | None         | None         | None         | None | None         | None         |
| p20-net2-b18-g8.pddl | None         | None         | None         | None | None         | None         |
| p21-net3-b12-g2.pddl | None         | None         | None         | None | None         | None         |
| p22-net3-b12-g4.pddl | None         | None         | None         | None | None         | None         |
| p23-net3-b14-g3.pddl | None         | None         | None         | None | None         | None         |
| p24-net3-b14-g5.pddl | None         | None         | None         | None | None         | None         |
| p25-net3-b16-g5.pddl | None         | None         | None         | None | None         | None         |
| p26-net3-b16-g7.pddl | None         | None         | None         | None | None         | None         |
| p27-net3-b18-g6.pddl | None         | None         | None         | None | None         | None         |
| p28-net3-b18-g7.pddl | None         | None         | None         | None | None         | None         |
| p29-net3-b20-g6.pddl | None         | None         | None         | None | None         | None         |
| p30-net3-b20-g8.pddl | None         | None         | None         | None | None         | None         |
| p31-net4-b14-g3.pddl | None         | None         | None         | None | None         | None         |
| p32-net4-b14-g5.pddl | None         | None         | None         | None | None         | None         |
| p33-net4-b16-g5.pddl | None         | None         | None         | None | None         | None         |
| p34-net4-b16-g6.pddl | None         | None         | None         | None | None         | None         |
| p35-net4-b18-g4.pddl | None         | None         | None         | None | None         | None         |
| p36-net4-b18-g6.pddl | None         | None         | None         | None | None         | None         |
| p37-net4-b20-g5.pddl | None         | None         | None         | None | None         | None         |
| p38-net4-b20-g7.pddl | None         | None         | None         | None | None         | None         |
| p39-net4-b22-g7.pddl | None         | None         | None         | None | None         | None         |
| p40-net4-b22-g8.pddl | None         | None         | None         | None | None         | None         |
| p41-net5-b22-g2.pddl | None         | None         | None         | None | None         | None         |
| p42-net5-b22-g4.pddl | None         | None         | None         | None | None         | None         |
| p43-net5-b24-g3.pddl | None         | None         | None         | None | None         | None         |



## pipesworld-tankage

| Cost                     | default      | marked       | naive        | psvn | psvn_split   | watched      |
|--------------------------|--------------|--------------|--------------|------|--------------|--------------|
| p01-net1-b6-g2-t50.pddl  | <b>5.00</b>  | <b>5.00</b>  | <b>5.00</b>  | None | 7.00         | <b>5.00</b>  |
| p02-net1-b6-g4-t50.pddl  | <b>12.00</b> | <b>12.00</b> | <b>12.00</b> | None | <b>12.00</b> | <b>12.00</b> |
| p03-net1-b8-g3-t80.pddl  | None         | None         | None         | None | None         | None         |
| p04-net1-b8-g5-t80.pddl  | None         | None         | None         | None | None         | None         |
| p05-net1-b10-g4-t50.pddl | None         | None         | None         | None | None         | None         |
| p06-net1-b10-g6-t50.pddl | None         | None         | None         | None | None         | None         |
| p07-net1-b12-g5-t80.pddl | None         | None         | None         | None | None         | None         |
| p08-net1-b12-g7-t80.pddl | None         | None         | None         | None | None         | None         |
| p09-net1-b14-g6-t50.pddl | None         | None         | None         | None | None         | None         |
| p10-net1-b14-g8-t50.pddl | None         | None         | None         | None | None         | None         |
| p11-net2-b10-g2-t30.pddl | None         | None         | None         | None | None         | None         |
| p12-net2-b10-g4-t60.pddl | None         | None         | None         | None | None         | None         |
| p13-net2-b12-g3-t70.pddl | None         | None         | None         | None | None         | None         |
| p14-net2-b12-g5-t30.pddl | None         | None         | None         | None | None         | None         |
| p15-net2-b14-g4-t30.pddl | None         | None         | None         | None | None         | None         |
| p16-net2-b14-g6-t80.pddl | None         | None         | None         | None | None         | None         |
| p17-net2-b16-g5-t20.pddl | None         | None         | None         | None | None         | None         |
| p18-net2-b16-g7-t60.pddl | None         | None         | None         | None | None         | None         |
| p19-net2-b18-g6-t60.pddl | None         | None         | None         | None | None         | None         |
| p20-net2-b18-g8-t90.pddl | None         | None         | None         | None | None         | None         |
| p21-net3-b12-g2-t60.pddl | None         | None         | None         | None | None         | None         |
| p22-net3-b12-g4-t60.pddl | None         | None         | None         | None | None         | None         |
| p23-net3-b14-g3-t60.pddl | None         | None         | None         | None | None         | None         |
| p24-net3-b14-g5-t60.pddl | None         | None         | None         | None | None         | None         |
| p25-net3-b16-g5-t60.pddl | None         | None         | None         | None | None         | None         |
| p26-net3-b16-g7-t70.pddl | None         | None         | None         | None | None         | None         |
| p27-net3-b18-g6-t70.pddl | None         | None         | None         | None | None         | None         |
| p28-net3-b18-g7-t70.pddl | None         | None         | None         | None | None         | None         |
| p29-net3-b20-g6-t70.pddl | None         | None         | None         | None | None         | None         |
| p30-net3-b20-g8-t70.pddl | None         | None         | None         | None | None         | None         |
| p31-net4-b14-g3-t20.pddl | None         | None         | None         | None | None         | None         |
| p32-net4-b14-g5-t30.pddl | None         | None         | None         | None | None         | None         |
| p33-net4-b16-g5-t60.pddl | None         | None         | None         | None | None         | None         |
| p34-net4-b16-g6-t60.pddl | None         | None         | None         | None | None         | None         |
| p35-net4-b18-g4-t90.pddl | None         | None         | None         | None | None         | None         |
| p36-net4-b18-g6-t90.pddl | None         | None         | None         | None | None         | None         |
| p37-net4-b20-g5-t60.pddl | None         | None         | None         | None | None         | None         |
| p38-net4-b20-g7-t60.pddl | None         | None         | None         | None | None         | None         |
| p39-net4-b22-g7-t50.pddl | None         | None         | None         | None | None         | None         |
| p40-net4-b22-g8-t50.pddl | None         | None         | None         | None | None         | None         |
| p41-net5-b22-g2-t20.pddl | None         | None         | None         | None | None         | None         |
| p42-net5-b22-g4-t50.pddl | None         | None         | None         | None | None         | None         |
| p43-net5-b24-g3-t80.pddl | None         | None         | None         | None | None         | None         |

psr-small

| Cost                   | default | marked | naive | psvn  | psvn_split | watched |
|------------------------|---------|--------|-------|-------|------------|---------|
| p01-s2-n1-l2-f50.pddl  | 8.00    | 8.00   | 8.00  | 8.00  | None       | 8.00    |
| p02-s5-n1-l3-f30.pddl  | 11.00   | 11.00  | 11.00 | 11.00 | None       | 11.00   |
| p03-s7-n1-l3-f70.pddl  | 11.00   | 11.00  | 11.00 | 11.00 | None       | 11.00   |
| p04-s8-n1-l4-f10.pddl  | 10.00   | 10.00  | 10.00 | 10.00 | None       | 10.00   |
| p05-s9-n1-l4-f30.pddl  | 11.00   | 11.00  | 11.00 | 11.00 | None       | 11.00   |
| p06-s10-n1-l4-f50.pddl | 8.00    | 8.00   | 8.00  | 8.00  | None       | 8.00    |
| p07-s11-n1-l4-f70.pddl | 11.00   | 11.00  | 11.00 | 11.00 | None       | 11.00   |
| p08-s12-n1-l5-f10.pddl | 8.00    | 8.00   | 8.00  | 8.00  | None       | 8.00    |
| p09-s13-n1-l5-f30.pddl | 8.00    | 8.00   | 8.00  | 8.00  | None       | 8.00    |
| p10-s17-n2-l2-f30.pddl | 7.00    | 7.00   | 7.00  | 7.00  | None       | 7.00    |
| p11-s18-n2-l2-f50.pddl | 19.00   | 19.00  | 19.00 | 19.00 | None       | 19.00   |
| p12-s21-n2-l3-f30.pddl | 16.00   | 16.00  | 16.00 | 16.00 | None       | 16.00   |
| p13-s22-n2-l3-f50.pddl | 15.00   | 15.00  | 15.00 | 15.00 | None       | 15.00   |
| p14-s23-n2-l3-f70.pddl | 9.00    | 9.00   | 9.00  | 9.00  | None       | 9.00    |
| p15-s24-n2-l4-f10.pddl | 10.00   | 10.00  | 10.00 | 10.00 | 10.00      | 10.00   |
| p16-s29-n2-l5-f30.pddl | 25.00   | 25.00  | 25.00 | 25.00 | None       | 25.00   |
| p17-s30-n2-l5-f50.pddl | 9.00    | 9.00   | 9.00  | 9.00  | None       | 9.00    |
| p18-s31-n2-l5-f70.pddl | 12.00   | 12.00  | 12.00 | 12.00 | None       | 12.00   |
| p19-s33-n3-l2-f30.pddl | 25.00   | 25.00  | 25.00 | 25.00 | None       | 25.00   |
| p20-s34-n3-l2-f50.pddl | 17.00   | 17.00  | 17.00 | 17.00 | None       | 17.00   |
| p21-s35-n3-l2-f70.pddl | 10.00   | 10.00  | 10.00 | 10.00 | None       | 10.00   |
| p22-s37-n3-l3-f30.pddl | None    | None   | None  | None  | None       | None    |
| p23-s38-n3-l3-f50.pddl | 12.00   | 12.00  | 12.00 | 12.00 | None       | 12.00   |
| p24-s39-n3-l3-f70.pddl | 10.00   | 10.00  | 10.00 | 10.00 | None       | 10.00   |
| p25-s40-n3-l4-f10.pddl | None    | None   | None  | None  | 9.00       | 9.00    |
| p26-s41-n3-l4-f30.pddl | 17.00   | 17.00  | 17.00 | 17.00 | None       | 17.00   |
| p27-s42-n3-l4-f50.pddl | 21.00   | 21.00  | 21.00 | 21.00 | None       | 21.00   |
| p28-s43-n3-l4-f70.pddl | 14.00   | 14.00  | 14.00 | 14.00 | None       | 14.00   |
| p29-s45-n3-l5-f30.pddl | None    | None   | None  | None  | None       | None    |
| p30-s46-n3-l5-f50.pddl | 22.00   | 22.00  | 22.00 | 22.00 | None       | 22.00   |
| p31-s49-n4-l2-f30.pddl | None    | None   | None  | None  | None       | None    |
| p32-s50-n4-l2-f50.pddl | 24.00   | 24.00  | 24.00 | 24.00 | None       | 24.00   |
| p33-s51-n4-l2-f70.pddl | 21.00   | 21.00  | 21.00 | 21.00 | None       | 21.00   |
| p34-s55-n4-l3-f70.pddl | 21.00   | 21.00  | 21.00 | 21.00 | None       | 21.00   |
| p35-s57-n5-l2-f30.pddl | None    | None   | None  | None  | None       | None    |
| p36-s65-n6-l2-f30.pddl | None    | None   | None  | None  | None       | None    |
| p37-s67-n6-l2-f70.pddl | 23.00   | 23.00  | 23.00 | 23.00 | None       | 23.00   |
| p38-s78-n3-l3-f50.pddl | 13.00   | 13.00  | 13.00 | 13.00 | None       | 13.00   |
| p39-s79-n3-l3-f70.pddl | 23.00   | 23.00  | 23.00 | 23.00 | None       | 23.00   |
| p40-s80-n3-l4-f10.pddl | None    | None   | None  | None  | None       | None    |
| p41-s81-n3-l4-f30.pddl | 10.00   | 10.00  | 10.00 | 10.00 | None       | 10.00   |
| p42-s82-n3-l4-f50.pddl | 30.00   | 30.00  | 30.00 | 30.00 | None       | 30.00   |
| p43-s83-n3-l4-f70.pddl | 20.00   | 20.00  | 20.00 | 20.00 | None       | 20.00   |

# rovers

| Cost     | default      | marked       | naive        | psvn         | psvn_split   | watched      |
|----------|--------------|--------------|--------------|--------------|--------------|--------------|
| p01.pddl | <b>10.00</b> | <b>10.00</b> | <b>10.00</b> | <b>10.00</b> | <b>10.00</b> | <b>10.00</b> |
| p02.pddl | <b>8.00</b>  | <b>8.00</b>  | <b>8.00</b>  | <b>8.00</b>  | <b>8.00</b>  | <b>8.00</b>  |
| p03.pddl | <b>11.00</b> | <b>11.00</b> | <b>11.00</b> | <b>11.00</b> | <b>11.00</b> | <b>11.00</b> |
| p04.pddl | <b>8.00</b>  | <b>8.00</b>  | <b>8.00</b>  | <b>8.00</b>  | <b>8.00</b>  | <b>8.00</b>  |
| p05.pddl | None         | None         | None         | None         | None         | None         |
| p06.pddl | None         | None         | None         | None         | None         | None         |
| p07.pddl | None         | None         | None         | None         | None         | None         |
| p08.pddl | None         | None         | None         | None         | None         | None         |
| p09.pddl | None         | None         | None         | None         | None         | None         |
| p10.pddl | None         | None         | None         | None         | None         | None         |
| p11.pddl | None         | None         | None         | None         | None         | None         |
| p12.pddl | None         | None         | None         | None         | None         | None         |
| p13.pddl | None         | None         | None         | None         | None         | None         |
| p14.pddl | None         | None         | None         | None         | None         | None         |
| p15.pddl | None         | None         | None         | None         | None         | None         |
| p16.pddl | None         | None         | None         | None         | None         | None         |
| p17.pddl | None         | None         | None         | None         | None         | None         |
| p18.pddl | None         | None         | None         | None         | None         | None         |
| p19.pddl | None         | None         | None         | None         | None         | None         |
| p20.pddl | None         | None         | None         | None         | None         | None         |
| p21.pddl | None         | None         | None         | None         | None         | None         |
| p22.pddl | None         | None         | None         | None         | None         | None         |
| p23.pddl | None         | None         | None         | None         | None         | None         |
| p24.pddl | None         | None         | None         | None         | None         | None         |
| p25.pddl | None         | None         | None         | None         | None         | None         |
| p26.pddl | None         | None         | None         | None         | None         | None         |
| p27.pddl | None         | None         | None         | None         | None         | None         |
| p28.pddl | None         | None         | None         | None         | None         | None         |
| p29.pddl | None         | None         | None         | None         | None         | None         |
| p30.pddl | None         | None         | None         | None         | None         | None         |
| p31.pddl | None         | None         | None         | None         | None         | None         |
| p32.pddl | None         | None         | None         | None         | None         | None         |
| p33.pddl | None         | None         | None         | None         | None         | None         |
| p34.pddl | None         | None         | None         | None         | None         | None         |
| p35.pddl | None         | None         | None         | None         | None         | None         |
| p36.pddl | None         | None         | None         | None         | None         | None         |
| p37.pddl | None         | None         | None         | None         | None         | None         |
| p38.pddl | None         | None         | None         | None         | None         | None         |
| p39.pddl | None         | None         | None         | None         | None         | None         |
| p40.pddl | None         | None         | None         | None         | None         | None         |

## satellite

| Cost                | default      | marked       | naive        | psvn         | psvn_split   | watched      |
|---------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| p01-pfile1.pddl     | <b>9.00</b>  | <b>9.00</b>  | <b>9.00</b>  | <b>9.00</b>  | <b>9.00</b>  | <b>9.00</b>  |
| p02-pfile2.pddl     | <b>13.00</b> | <b>13.00</b> | <b>13.00</b> | <b>13.00</b> | <b>13.00</b> | <b>13.00</b> |
| p03-pfile3.pddl     | None         | None         | None         | None         | None         | None         |
| p04-pfile4.pddl     | None         | None         | None         | None         | None         | None         |
| p05-pfile5.pddl     | None         | None         | None         | None         | None         | None         |
| p06-pfile6.pddl     | None         | None         | None         | None         | None         | None         |
| p07-pfile7.pddl     | None         | None         | None         | None         | None         | None         |
| p08-pfile8.pddl     | None         | None         | None         | None         | None         | None         |
| p09-pfile9.pddl     | None         | None         | None         | None         | None         | None         |
| p10-pfile10.pddl    | None         | None         | None         | None         | None         | None         |
| p11-pfile11.pddl    | None         | None         | None         | None         | None         | None         |
| p12-pfile12.pddl    | None         | None         | None         | None         | None         | None         |
| p13-pfile13.pddl    | None         | None         | None         | None         | None         | None         |
| p14-pfile14.pddl    | None         | None         | None         | None         | None         | None         |
| p15-pfile15.pddl    | None         | None         | None         | None         | None         | None         |
| p16-pfile16.pddl    | None         | None         | None         | None         | None         | None         |
| p17-pfile17.pddl    | None         | None         | None         | None         | None         | None         |
| p18-pfile18.pddl    | None         | None         | None         | None         | None         | None         |
| p19-pfile19.pddl    | None         | None         | None         | None         | None         | None         |
| p20-pfile20.pddl    | None         | None         | None         | None         | None         | None         |
| p21-HC-pfile1.pddl  | None         | None         | None         | None         | None         | None         |
| p22-HC-pfile2.pddl  | None         | None         | None         | None         | None         | None         |
| p23-HC-pfile3.pddl  | None         | None         | None         | None         | None         | None         |
| p24-HC-pfile4.pddl  | None         | None         | None         | None         | None         | None         |
| p25-HC-pfile5.pddl  | None         | None         | None         | None         | None         | None         |
| p26-HC-pfile6.pddl  | None         | None         | None         | None         | None         | None         |
| p27-HC-pfile7.pddl  | None         | None         | None         | None         | None         | None         |
| p28-HC-pfile8.pddl  | None         | None         | None         | None         | None         | None         |
| p29-HC-pfile9.pddl  | None         | None         | None         | None         | None         | None         |
| p30-HC-pfile10.pddl | None         | None         | None         | None         | None         | None         |
| p31-HC-pfile11.pddl | None         | None         | None         | None         | None         | None         |
| p32-HC-pfile12.pddl | None         | None         | None         | None         | None         | None         |
| p33-HC-pfile13.pddl | None         | None         | None         | None         | None         | None         |
| p34-HC-pfile14.pddl | None         | None         | None         | None         | None         | None         |
| p35-HC-pfile15.pddl | None         | None         | None         | None         | None         | None         |
| p36-HC-pfile16.pddl | None         | None         | None         | None         | None         | None         |

## scanalyzer-08-strips

| Cost     | default      | marked       | naive        | psvn         | psvn_split   | watched      |
|----------|--------------|--------------|--------------|--------------|--------------|--------------|
| p01.pddl | None         | None         | None         | None         | None         | None         |
| p02.pddl | None         | None         | None         | None         | None         | None         |
| p03.pddl | None         | None         | None         | None         | None         | None         |
| p04.pddl | None         | None         | None         | None         | None         | None         |
| p05.pddl | None         | None         | None         | None         | None         | None         |
| p06.pddl | None         | None         | None         | None         | None         | None         |
| p07.pddl | None         | None         | None         | None         | None         | None         |
| p08.pddl | None         | None         | None         | None         | None         | None         |
| p09.pddl | None         | None         | None         | None         | None         | None         |
| p10.pddl | None         | None         | None         | None         | None         | None         |
| p11.pddl | None         | None         | None         | None         | None         | None         |
| p12.pddl | None         | None         | None         | None         | None         | None         |
| p13.pddl | None         | None         | None         | None         | None         | None         |
| p14.pddl | None         | None         | None         | None         | None         | None         |
| p15.pddl | None         | None         | None         | None         | None         | None         |
| p16.pddl | None         | None         | None         | None         | None         | None         |
| p17.pddl | None         | None         | None         | None         | None         | None         |
| p18.pddl | None         | None         | None         | None         | None         | None         |
| p19.pddl | None         | None         | None         | None         | None         | None         |
| p20.pddl | None         | None         | None         | None         | None         | None         |
| p21.pddl | None         | None         | None         | None         | None         | None         |
| p22.pddl | <b>13.00</b> | <b>13.00</b> | <b>13.00</b> | <b>13.00</b> | <b>13.00</b> | <b>13.00</b> |
| p23.pddl | <b>13.00</b> | <b>13.00</b> | <b>13.00</b> | <b>13.00</b> | <b>13.00</b> | <b>13.00</b> |
| p24.pddl | <b>13.00</b> | <b>13.00</b> | <b>13.00</b> | <b>13.00</b> | <b>13.00</b> | <b>13.00</b> |
| p25.pddl | None         | None         | None         | None         | None         | None         |
| p26.pddl | None         | None         | None         | None         | None         | None         |
| p27.pddl | None         | None         | None         | None         | None         | None         |
| p28.pddl | None         | None         | None         | None         | None         | None         |
| p29.pddl | None         | None         | None         | None         | None         | None         |
| p30.pddl | None         | None         | None         | None         | None         | None         |

# scanalyzer-opt11-strips

| Cost     | default      | marked       | naive        | psvn         | psvn_split   | watched      |
|----------|--------------|--------------|--------------|--------------|--------------|--------------|
| p01.pddl | <b>13.00</b> | <b>13.00</b> | <b>13.00</b> | <b>13.00</b> | <b>13.00</b> | <b>13.00</b> |
| p02.pddl | None         | None         | None         | None         | None         | None         |
| p03.pddl | None         | None         | None         | None         | None         | None         |
| p04.pddl | None         | None         | None         | None         | None         | None         |
| p05.pddl | None         | None         | None         | None         | None         | None         |
| p06.pddl | None         | None         | None         | None         | None         | None         |
| p07.pddl | None         | None         | None         | None         | None         | None         |
| p08.pddl | None         | None         | None         | None         | None         | None         |
| p09.pddl | None         | None         | None         | None         | None         | None         |
| p10.pddl | None         | None         | None         | None         | None         | None         |
| p11.pddl | None         | None         | None         | None         | None         | None         |
| p12.pddl | None         | None         | None         | None         | None         | None         |
| p13.pddl | None         | None         | None         | None         | None         | None         |
| p14.pddl | None         | None         | None         | None         | None         | None         |
| p15.pddl | None         | None         | None         | None         | None         | None         |
| p16.pddl | None         | None         | None         | None         | None         | None         |
| p17.pddl | None         | None         | None         | None         | None         | None         |
| p18.pddl | None         | None         | None         | None         | None         | None         |
| p19.pddl | None         | None         | None         | None         | None         | None         |
| p20.pddl | None         | None         | None         | None         | None         | None         |

# snake-opt18-strips

| Cost     | default      | marked       | naive        | psvn | psvn_split   | watched      |
|----------|--------------|--------------|--------------|------|--------------|--------------|
| p01.pddl | None         | None         | None         | None | None         | None         |
| p02.pddl | None         | None         | None         | None | None         | None         |
| p03.pddl | None         | None         | None         | None | None         | None         |
| p04.pddl | <b>12.00</b> | <b>12.00</b> | <b>12.00</b> | None | <b>12.00</b> | <b>12.00</b> |
| p05.pddl | None         | None         | None         | None | None         | None         |
| p06.pddl | None         | None         | None         | None | None         | None         |
| p07.pddl | None         | None         | None         | None | None         | None         |
| p08.pddl | None         | None         | None         | None | None         | None         |
| p09.pddl | None         | None         | None         | None | None         | None         |
| p10.pddl | None         | None         | None         | None | None         | None         |
| p11.pddl | None         | None         | None         | None | None         | None         |
| p12.pddl | None         | None         | None         | None | None         | None         |
| p13.pddl | None         | None         | None         | None | None         | None         |
| p14.pddl | None         | None         | None         | None | None         | None         |
| p15.pddl | None         | None         | None         | None | None         | None         |
| p16.pddl | None         | None         | None         | None | None         | None         |
| p17.pddl | None         | None         | None         | None | None         | None         |
| p18.pddl | None         | None         | None         | None | None         | None         |
| p19.pddl | None         | None         | None         | None | None         | None         |
| p20.pddl | None         | None         | None         | None | None         | None         |

# sokoban-opt08-strips

| Cost     | default      | marked       | naive        | psvn         | psvn_split  | watched      |
|----------|--------------|--------------|--------------|--------------|-------------|--------------|
| p01.pddl | <b>11.00</b> | <b>11.00</b> | <b>11.00</b> | <b>11.00</b> | None        | <b>11.00</b> |
| p02.pddl | <b>9.00</b>  | <b>9.00</b>  | <b>9.00</b>  | <b>9.00</b>  | <b>9.00</b> | <b>9.00</b>  |
| p03.pddl | <b>10.00</b> | <b>10.00</b> | <b>10.00</b> | <b>10.00</b> | None        | <b>10.00</b> |
| p04.pddl | None         | None         | None         | None         | None        | None         |
| p05.pddl | None         | None         | None         | None         | None        | None         |
| p06.pddl | None         | None         | None         | None         | None        | None         |
| p07.pddl | None         | None         | None         | None         | None        | None         |
| p08.pddl | None         | None         | None         | None         | None        | None         |
| p09.pddl | None         | None         | None         | None         | None        | None         |
| p10.pddl | None         | None         | None         | None         | None        | None         |
| p11.pddl | None         | None         | None         | None         | None        | None         |
| p12.pddl | None         | None         | None         | None         | None        | None         |
| p13.pddl | None         | None         | None         | None         | None        | None         |
| p14.pddl | None         | None         | None         | None         | None        | None         |
| p15.pddl | None         | None         | None         | None         | None        | None         |
| p16.pddl | None         | None         | None         | None         | None        | None         |
| p17.pddl | None         | None         | None         | None         | None        | None         |
| p18.pddl | None         | None         | None         | None         | None        | None         |
| p19.pddl | None         | None         | None         | None         | None        | None         |
| p20.pddl | <b>2.00</b>  | <b>2.00</b>  | <b>2.00</b>  | None         | None        | <b>2.00</b>  |
| p21.pddl | None         | None         | None         | None         | None        | None         |
| p22.pddl | None         | None         | None         | None         | None        | None         |
| p23.pddl | None         | None         | None         | None         | None        | None         |
| p24.pddl | None         | None         | None         | None         | None        | None         |
| p25.pddl | None         | None         | None         | None         | None        | None         |
| p26.pddl | None         | None         | None         | None         | None        | None         |
| p27.pddl | None         | None         | None         | None         | None        | None         |
| p28.pddl | None         | None         | None         | None         | None        | None         |
| p29.pddl | None         | None         | None         | None         | None        | None         |
| p30.pddl | None         | None         | None         | None         | None        | None         |



# sokoban-opt11-strips

| Cost     | default     | marked      | naive       | psvn | psvn_split | watched     |
|----------|-------------|-------------|-------------|------|------------|-------------|
| p01.pddl | None        | None        | None        | None | None       | None        |
| p02.pddl | None        | None        | None        | None | None       | None        |
| p03.pddl | None        | None        | None        | None | None       | None        |
| p04.pddl | None        | None        | None        | None | None       | None        |
| p05.pddl | None        | None        | None        | None | None       | None        |
| p06.pddl | None        | None        | None        | None | None       | None        |
| p07.pddl | None        | None        | None        | None | None       | None        |
| p08.pddl | None        | None        | None        | None | None       | None        |
| p09.pddl | None        | None        | None        | None | None       | None        |
| p10.pddl | None        | None        | None        | None | None       | None        |
| p11.pddl | None        | None        | None        | None | None       | None        |
| p12.pddl | <b>2.00</b> | <b>2.00</b> | <b>2.00</b> | None | None       | <b>2.00</b> |
| p13.pddl | None        | None        | None        | None | None       | None        |
| p14.pddl | None        | None        | None        | None | None       | None        |
| p15.pddl | None        | None        | None        | None | None       | None        |
| p16.pddl | None        | None        | None        | None | None       | None        |
| p17.pddl | None        | None        | None        | None | None       | None        |
| p18.pddl | None        | None        | None        | None | None       | None        |
| p19.pddl | None        | None        | None        | None | None       | None        |
| p20.pddl | None        | None        | None        | None | None       | None        |

## spider-opt18-strips

| Cost     | default      | marked       | naive        | psvn | psvn_split | watched      |
|----------|--------------|--------------|--------------|------|------------|--------------|
| p01.pddl | None         | None         | None         | None | None       | None         |
| p02.pddl | <b>23.00</b> | <b>23.00</b> | <b>23.00</b> | None | None       | <b>23.00</b> |
| p03.pddl | None         | None         | None         | None | None       | None         |
| p04.pddl | None         | None         | None         | None | None       | None         |
| p05.pddl | None         | None         | None         | None | None       | None         |
| p06.pddl | None         | None         | None         | None | None       | None         |
| p07.pddl | <b>16.00</b> | <b>16.00</b> | <b>16.00</b> | None | None       | <b>16.00</b> |
| p08.pddl | None         | None         | None         | None | None       | None         |
| p09.pddl | None         | None         | None         | None | None       | None         |
| p10.pddl | None         | None         | None         | None | None       | None         |
| p11.pddl | None         | None         | None         | None | None       | None         |
| p12.pddl | None         | None         | None         | None | None       | None         |
| p13.pddl | None         | None         | None         | None | None       | None         |
| p14.pddl | None         | None         | None         | None | None       | None         |
| p15.pddl | <b>17.00</b> | <b>17.00</b> | <b>17.00</b> | None | None       | <b>17.00</b> |
| p16.pddl | None         | None         | None         | None | None       | None         |
| p17.pddl | None         | None         | None         | None | None       | None         |
| p18.pddl | None         | None         | None         | None | None       | None         |
| p19.pddl | None         | None         | None         | None | None       | None         |
| p20.pddl | None         | None         | None         | None | None       | None         |

## storage

| Cost     | default      | marked       | naive        | psvn         | psvn_split   | watched      |
|----------|--------------|--------------|--------------|--------------|--------------|--------------|
| p01.pddl | <b>3.00</b>  | <b>3.00</b>  | <b>3.00</b>  | <b>3.00</b>  | <b>3.00</b>  | <b>3.00</b>  |
| p02.pddl | <b>3.00</b>  | <b>3.00</b>  | <b>3.00</b>  | <b>3.00</b>  | <b>3.00</b>  | <b>3.00</b>  |
| p03.pddl | <b>3.00</b>  | <b>3.00</b>  | <b>3.00</b>  | <b>3.00</b>  | <b>3.00</b>  | <b>3.00</b>  |
| p04.pddl | <b>8.00</b>  | <b>8.00</b>  | <b>8.00</b>  | <b>8.00</b>  | <b>8.00</b>  | <b>8.00</b>  |
| p05.pddl | <b>8.00</b>  | <b>8.00</b>  | <b>8.00</b>  | <b>8.00</b>  | <b>8.00</b>  | <b>8.00</b>  |
| p06.pddl | <b>8.00</b>  | <b>8.00</b>  | <b>8.00</b>  | <b>8.00</b>  | <b>8.00</b>  | <b>8.00</b>  |
| p07.pddl | <b>14.00</b> | <b>14.00</b> | <b>14.00</b> | <b>14.00</b> | <b>14.00</b> | <b>14.00</b> |
| p08.pddl | <b>12.00</b> | <b>12.00</b> | <b>12.00</b> | None         | <b>12.00</b> | <b>12.00</b> |
| p09.pddl | None         | None         | None         | None         | None         | None         |
| p10.pddl | None         | None         | None         | None         | None         | None         |
| p11.pddl | None         | None         | None         | None         | None         | None         |
| p12.pddl | None         | None         | None         | None         | None         | None         |
| p13.pddl | None         | None         | None         | None         | None         | None         |
| p14.pddl | None         | None         | None         | None         | None         | None         |
| p15.pddl | None         | None         | None         | None         | None         | None         |
| p16.pddl | None         | None         | None         | None         | None         | None         |
| p17.pddl | None         | None         | None         | None         | None         | None         |
| p18.pddl | None         | None         | None         | None         | None         | None         |
| p19.pddl | None         | None         | None         | None         | None         | None         |
| p20.pddl | None         | None         | None         | None         | None         | None         |
| p21.pddl | None         | None         | None         | None         | None         | None         |
| p22.pddl | None         | None         | None         | None         | None         | None         |
| p23.pddl | None         | None         | None         | None         | None         | None         |
| p24.pddl | None         | None         | None         | None         | None         | None         |
| p25.pddl | None         | None         | None         | None         | None         | None         |
| p26.pddl | None         | None         | None         | None         | None         | None         |
| p27.pddl | None         | None         | None         | None         | None         | None         |
| p28.pddl | None         | None         | None         | None         | None         | None         |
| p29.pddl | None         | None         | None         | None         | None         | None         |
| p30.pddl | None         | None         | None         | None         | None         | None         |

**termes-opt18-strips**

| Cost     | default | marked | naive | psvn | psvn_split | watched |
|----------|---------|--------|-------|------|------------|---------|
| p01.pddl | None    | None   | None  | None | None       | None    |
| p02.pddl | None    | None   | None  | None | None       | None    |
| p03.pddl | None    | None   | None  | None | None       | None    |
| p04.pddl | None    | None   | None  | None | None       | None    |
| p05.pddl | None    | None   | None  | None | None       | None    |
| p06.pddl | None    | None   | None  | None | None       | None    |
| p07.pddl | None    | None   | None  | None | None       | None    |
| p08.pddl | None    | None   | None  | None | None       | None    |
| p09.pddl | None    | None   | None  | None | None       | None    |
| p10.pddl | None    | None   | None  | None | None       | None    |
| p11.pddl | None    | None   | None  | None | None       | None    |
| p12.pddl | None    | None   | None  | None | None       | None    |
| p13.pddl | None    | None   | None  | None | None       | None    |
| p14.pddl | None    | None   | None  | None | None       | None    |
| p15.pddl | None    | None   | None  | None | None       | None    |
| p16.pddl | None    | None   | None  | None | None       | None    |
| p17.pddl | None    | None   | None  | None | None       | None    |
| p18.pddl | None    | None   | None  | None | None       | None    |
| p19.pddl | None    | None   | None  | None | None       | None    |
| p20.pddl | None    | None   | None  | None | None       | None    |

# tetris-opt14-strips

| Cost        | default      | marked       | naive        | psvn | psvn_split | watched      |
|-------------|--------------|--------------|--------------|------|------------|--------------|
| p01-6.pddl  | None         | None         | None         | None | None       | None         |
| p01-8.pddl  | None         | None         | None         | None | None       | None         |
| p01-10.pddl | None         | None         | None         | None | None       | None         |
| p02-4.pddl  | <b>10.00</b> | <b>10.00</b> | <b>10.00</b> | None | None       | <b>10.00</b> |
| p02-6.pddl  | None         | None         | None         | None | None       | None         |
| p02-8.pddl  | None         | None         | None         | None | None       | None         |
| p02-10.pddl | None         | None         | None         | None | None       | None         |
| p03-4.pddl  | <b>11.00</b> | <b>11.00</b> | <b>11.00</b> | None | None       | <b>11.00</b> |
| p03-6.pddl  | None         | None         | None         | None | None       | None         |
| p03-8.pddl  | None         | None         | None         | None | None       | None         |
| p03-10.pddl | None         | None         | None         | None | None       | None         |
| p04-6.pddl  | None         | None         | None         | None | None       | None         |
| p04-8.pddl  | None         | None         | None         | None | None       | None         |
| p04-10.pddl | None         | None         | None         | None | None       | None         |
| p05-6.pddl  | None         | None         | None         | None | None       | None         |
| p05-8.pddl  | None         | None         | None         | None | None       | None         |
| p05-10.pddl | None         | None         | None         | None | None       | None         |

## tidybot-opt11-strips

| Cost     | default     | marked       | naive        | psvn | psvn_split | watched      |
|----------|-------------|--------------|--------------|------|------------|--------------|
| p01.pddl | <b>4.00</b> | <b>4.00</b>  | <b>4.00</b>  | None | None       | <b>4.00</b>  |
| p02.pddl | None        | None         | None         | None | None       | None         |
| p03.pddl | None        | <b>16.00</b> | <b>16.00</b> | None | None       | <b>16.00</b> |
| p04.pddl | None        | None         | None         | None | None       | None         |
| p05.pddl | None        | None         | None         | None | None       | None         |
| p06.pddl | None        | None         | None         | None | None       | None         |
| p07.pddl | None        | None         | None         | None | None       | None         |
| p08.pddl | None        | None         | None         | None | None       | None         |
| p09.pddl | None        | None         | None         | None | None       | None         |
| p10.pddl | None        | None         | None         | None | None       | None         |
| p11.pddl | None        | None         | None         | None | None       | None         |
| p12.pddl | None        | None         | None         | None | None       | None         |
| p13.pddl | None        | None         | None         | None | None       | None         |
| p14.pddl | None        | None         | None         | None | None       | None         |
| p15.pddl | None        | None         | None         | None | None       | None         |
| p16.pddl | None        | None         | None         | None | None       | None         |
| p17.pddl | None        | None         | None         | None | None       | None         |
| p18.pddl | None        | None         | None         | None | None       | None         |
| p19.pddl | None        | None         | None         | None | None       | None         |
| p20.pddl | None        | None         | None         | None | None       | None         |

## tidybot-opt14-strips

| Cost     | default | marked | naive | psvn | psvn_split | watched |
|----------|---------|--------|-------|------|------------|---------|
| p01.pddl | None    | None   | None  | None | None       | None    |
| p02.pddl | None    | None   | None  | None | None       | None    |
| p03.pddl | None    | None   | None  | None | None       | None    |
| p04.pddl | None    | None   | None  | None | None       | None    |
| p05.pddl | None    | None   | None  | None | None       | None    |
| p06.pddl | None    | None   | None  | None | None       | None    |
| p07.pddl | None    | None   | None  | None | None       | None    |
| p08.pddl | None    | None   | None  | None | None       | None    |
| p09.pddl | None    | None   | None  | None | None       | None    |
| p10.pddl | None    | None   | None  | None | None       | None    |
| p11.pddl | None    | None   | None  | None | None       | None    |
| p12.pddl | None    | None   | None  | None | None       | None    |
| p13.pddl | None    | None   | None  | None | None       | None    |
| p14.pddl | None    | None   | None  | None | None       | None    |
| p15.pddl | None    | None   | None  | None | None       | None    |
| p16.pddl | None    | None   | None  | None | None       | None    |
| p17.pddl | None    | None   | None  | None | None       | None    |
| p18.pddl | None    | None   | None  | None | None       | None    |
| p19.pddl | None    | None   | None  | None | None       | None    |
| p20.pddl | None    | None   | None  | None | None       | None    |

# tpp

| Cost     | default      | marked       | naive        | psvn         | psvn_split | watched      |
|----------|--------------|--------------|--------------|--------------|------------|--------------|
| p01.pddl | <b>5.00</b>  | <b>5.00</b>  | <b>5.00</b>  | <b>5.00</b>  | None       | <b>5.00</b>  |
| p02.pddl | <b>8.00</b>  | <b>8.00</b>  | <b>8.00</b>  | <b>8.00</b>  | None       | <b>8.00</b>  |
| p03.pddl | <b>11.00</b> | <b>11.00</b> | <b>11.00</b> | <b>11.00</b> | None       | <b>11.00</b> |
| p04.pddl | <b>14.00</b> | <b>14.00</b> | <b>14.00</b> | <b>14.00</b> | None       | <b>14.00</b> |
| p05.pddl | None         | None         | None         | None         | None       | None         |
| p06.pddl | None         | None         | None         | None         | None       | None         |
| p07.pddl | None         | None         | None         | None         | None       | None         |
| p08.pddl | None         | None         | None         | None         | None       | None         |
| p09.pddl | None         | None         | None         | None         | None       | None         |
| p10.pddl | None         | None         | None         | None         | None       | None         |
| p11.pddl | None         | None         | None         | None         | None       | None         |
| p12.pddl | None         | None         | None         | None         | None       | None         |
| p13.pddl | None         | None         | None         | None         | None       | None         |
| p14.pddl | None         | None         | None         | None         | None       | None         |
| p15.pddl | None         | None         | None         | None         | None       | None         |
| p16.pddl | None         | None         | None         | None         | None       | None         |
| p17.pddl | None         | None         | None         | None         | None       | None         |
| p18.pddl | None         | None         | None         | None         | None       | None         |
| p19.pddl | None         | None         | None         | None         | None       | None         |
| p20.pddl | None         | None         | None         | None         | None       | None         |
| p21.pddl | None         | None         | None         | None         | None       | None         |
| p22.pddl | None         | None         | None         | None         | None       | None         |
| p23.pddl | None         | None         | None         | None         | None       | None         |
| p24.pddl | None         | None         | None         | None         | None       | None         |
| p25.pddl | None         | None         | None         | None         | None       | None         |
| p26.pddl | None         | None         | None         | None         | None       | None         |
| p27.pddl | None         | None         | None         | None         | None       | None         |
| p28.pddl | None         | None         | None         | None         | None       | None         |
| p29.pddl | None         | None         | None         | None         | None       | None         |
| p30.pddl | None         | None         | None         | None         | None       | None         |



# transport-opt08-strips

| Cost     | default       | marked        | naive         | psvn          | psvn_split    | watched       |
|----------|---------------|---------------|---------------|---------------|---------------|---------------|
| p01.pddl | <b>54.00</b>  | <b>54.00</b>  | <b>54.00</b>  | <b>54.00</b>  | <b>54.00</b>  | <b>54.00</b>  |
| p02.pddl | <b>131.00</b> | <b>131.00</b> | <b>131.00</b> | <b>131.00</b> | <b>131.00</b> | <b>131.00</b> |
| p03.pddl | None          | None          | None          | None          | None          | None          |
| p04.pddl | None          | None          | None          | None          | None          | None          |
| p05.pddl | None          | None          | None          | None          | None          | None          |
| p06.pddl | None          | None          | None          | None          | None          | None          |
| p07.pddl | None          | None          | None          | None          | None          | None          |
| p08.pddl | None          | None          | None          | None          | None          | None          |
| p09.pddl | None          | None          | None          | None          | None          | None          |
| p10.pddl | None          | None          | None          | None          | None          | None          |
| p11.pddl | <b>456.00</b> | <b>456.00</b> | <b>456.00</b> | <b>456.00</b> | <b>456.00</b> | <b>456.00</b> |
| p12.pddl | None          | None          | None          | None          | None          | None          |
| p13.pddl | None          | None          | None          | None          | None          | None          |
| p14.pddl | None          | None          | None          | None          | None          | None          |
| p15.pddl | None          | None          | None          | None          | None          | None          |
| p16.pddl | None          | None          | None          | None          | None          | None          |
| p17.pddl | None          | None          | None          | None          | None          | None          |
| p18.pddl | None          | None          | None          | None          | None          | None          |
| p19.pddl | None          | None          | None          | None          | None          | None          |
| p20.pddl | None          | None          | None          | None          | None          | None          |
| p21.pddl | <b>478.00</b> | <b>478.00</b> | <b>478.00</b> | <b>478.00</b> | <b>478.00</b> | <b>478.00</b> |
| p22.pddl | <b>632.00</b> | <b>632.00</b> | <b>632.00</b> | <b>632.00</b> | <b>632.00</b> | <b>632.00</b> |
| p23.pddl | None          | None          | None          | None          | None          | None          |
| p24.pddl | None          | None          | None          | None          | None          | None          |
| p25.pddl | None          | None          | None          | None          | None          | None          |
| p26.pddl | None          | None          | None          | None          | None          | None          |
| p27.pddl | None          | None          | None          | None          | None          | None          |
| p28.pddl | None          | None          | None          | None          | None          | None          |
| p29.pddl | None          | None          | None          | None          | None          | None          |
| p30.pddl | None          | None          | None          | None          | None          | None          |

**transport-opt11-strips**

| Cost     | default | marked | naive | psvn | psvn_split | watched |
|----------|---------|--------|-------|------|------------|---------|
| p01.pddl | None    | None   | None  | None | None       | None    |
| p02.pddl | None    | None   | None  | None | None       | None    |
| p03.pddl | None    | None   | None  | None | None       | None    |
| p04.pddl | None    | None   | None  | None | None       | None    |
| p05.pddl | None    | None   | None  | None | None       | None    |
| p06.pddl | None    | None   | None  | None | None       | None    |
| p07.pddl | None    | None   | None  | None | None       | None    |
| p08.pddl | None    | None   | None  | None | None       | None    |
| p09.pddl | None    | None   | None  | None | None       | None    |
| p10.pddl | None    | None   | None  | None | None       | None    |
| p11.pddl | None    | None   | None  | None | None       | None    |
| p12.pddl | None    | None   | None  | None | None       | None    |
| p13.pddl | None    | None   | None  | None | None       | None    |
| p14.pddl | None    | None   | None  | None | None       | None    |
| p15.pddl | None    | None   | None  | None | None       | None    |
| p16.pddl | None    | None   | None  | None | None       | None    |
| p17.pddl | None    | None   | None  | None | None       | None    |
| p18.pddl | None    | None   | None  | None | None       | None    |
| p19.pddl | None    | None   | None  | None | None       | None    |
| p20.pddl | None    | None   | None  | None | None       | None    |

**transport-opt14-strips**

| Cost     | default | marked | naive | psvn | psvn_split | watched |
|----------|---------|--------|-------|------|------------|---------|
| p01.pddl | None    | None   | None  | None | None       | None    |
| p02.pddl | None    | None   | None  | None | None       | None    |
| p03.pddl | None    | None   | None  | None | None       | None    |
| p04.pddl | None    | None   | None  | None | None       | None    |
| p05.pddl | None    | None   | None  | None | None       | None    |
| p06.pddl | None    | None   | None  | None | None       | None    |
| p07.pddl | None    | None   | None  | None | None       | None    |
| p08.pddl | None    | None   | None  | None | None       | None    |
| p09.pddl | None    | None   | None  | None | None       | None    |
| p10.pddl | None    | None   | None  | None | None       | None    |
| p11.pddl | None    | None   | None  | None | None       | None    |
| p12.pddl | None    | None   | None  | None | None       | None    |
| p13.pddl | None    | None   | None  | None | None       | None    |
| p14.pddl | None    | None   | None  | None | None       | None    |
| p15.pddl | None    | None   | None  | None | None       | None    |
| p16.pddl | None    | None   | None  | None | None       | None    |
| p17.pddl | None    | None   | None  | None | None       | None    |
| p18.pddl | None    | None   | None  | None | None       | None    |
| p19.pddl | None    | None   | None  | None | None       | None    |
| p20.pddl | None    | None   | None  | None | None       | None    |

## trucks-strips

| Cost     | default      | marked       | naive        | psvn         | psvn_split   | watched      |
|----------|--------------|--------------|--------------|--------------|--------------|--------------|
| p01.pddl | <b>13.00</b> | <b>13.00</b> | <b>13.00</b> | <b>13.00</b> | <b>13.00</b> | <b>13.00</b> |
| p02.pddl | None         | None         | None         | None         | None         | None         |
| p03.pddl | None         | None         | None         | None         | None         | None         |
| p04.pddl | None         | None         | None         | None         | None         | None         |
| p05.pddl | None         | None         | None         | None         | None         | None         |
| p06.pddl | None         | None         | None         | None         | None         | None         |
| p07.pddl | None         | None         | None         | None         | None         | None         |
| p08.pddl | None         | None         | None         | None         | None         | None         |
| p09.pddl | None         | None         | None         | None         | None         | None         |
| p10.pddl | None         | None         | None         | None         | None         | None         |
| p11.pddl | None         | None         | None         | None         | None         | None         |
| p12.pddl | None         | None         | None         | None         | None         | None         |
| p13.pddl | None         | None         | None         | None         | None         | None         |
| p14.pddl | None         | None         | None         | None         | None         | None         |
| p15.pddl | None         | None         | None         | None         | None         | None         |
| p16.pddl | None         | None         | None         | None         | None         | None         |
| p17.pddl | None         | None         | None         | None         | None         | None         |
| p18.pddl | None         | None         | None         | None         | None         | None         |
| p19.pddl | None         | None         | None         | None         | None         | None         |
| p20.pddl | None         | None         | None         | None         | None         | None         |
| p21.pddl | None         | None         | None         | None         | None         | None         |
| p22.pddl | None         | None         | None         | None         | None         | None         |
| p23.pddl | None         | None         | None         | None         | None         | None         |
| p24.pddl | None         | None         | None         | None         | None         | None         |
| p25.pddl | None         | None         | None         | None         | None         | None         |
| p26.pddl | None         | None         | None         | None         | None         | None         |
| p27.pddl | None         | None         | None         | None         | None         | None         |
| p28.pddl | None         | None         | None         | None         | None         | None         |
| p29.pddl | None         | None         | None         | None         | None         | None         |
| p30.pddl | None         | None         | None         | None         | None         | None         |

# visitall-opt11-strips

| Cost                | default      | marked       | naive        | psvn         | psvn_split   | watched      |
|---------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| problem02-full.pddl | <b>3.00</b>  | <b>3.00</b>  | <b>3.00</b>  | <b>3.00</b>  | <b>3.00</b>  | <b>3.00</b>  |
| problem02-half.pddl | <b>1.00</b>  | <b>1.00</b>  | <b>1.00</b>  | <b>1.00</b>  | 3.00         | <b>1.00</b>  |
| problem03-full.pddl | <b>8.00</b>  | <b>8.00</b>  | <b>8.00</b>  | <b>8.00</b>  | <b>8.00</b>  | <b>8.00</b>  |
| problem03-half.pddl | <b>6.00</b>  | <b>6.00</b>  | <b>6.00</b>  | <b>6.00</b>  | <b>6.00</b>  | <b>6.00</b>  |
| problem04-full.pddl | None         | None         | None         | None         | None         | None         |
| problem04-half.pddl | <b>11.00</b> | <b>11.00</b> | <b>11.00</b> | <b>11.00</b> | <b>11.00</b> | <b>11.00</b> |
| problem05-full.pddl | None         | None         | None         | None         | None         | None         |
| problem05-half.pddl | None         | None         | None         | None         | None         | None         |
| problem06-full.pddl | None         | None         | None         | None         | None         | None         |
| problem06-half.pddl | None         | None         | None         | None         | None         | None         |
| problem07-full.pddl | None         | None         | None         | None         | None         | None         |
| problem07-half.pddl | None         | None         | None         | None         | None         | None         |
| problem08-full.pddl | None         | None         | None         | None         | None         | None         |
| problem08-half.pddl | None         | None         | None         | None         | None         | None         |
| problem09-full.pddl | None         | None         | None         | None         | None         | None         |
| problem09-half.pddl | None         | None         | None         | None         | None         | None         |
| problem10-full.pddl | None         | None         | None         | None         | None         | None         |
| problem10-half.pddl | None         | None         | None         | None         | None         | None         |
| problem11-full.pddl | None         | None         | None         | None         | None         | None         |
| problem11-half.pddl | None         | None         | None         | None         | None         | None         |

**visitall-opt14-strips**

| Cost         | default | marked | naive | psvn | psvn_split | watched |
|--------------|---------|--------|-------|------|------------|---------|
| p-1-5.pddl   | None    | None   | None  | None | None       | None    |
| p-1-6.pddl   | None    | None   | None  | None | None       | None    |
| p-1-7.pddl   | None    | None   | None  | None | None       | None    |
| p-1-8.pddl   | None    | None   | None  | None | None       | None    |
| p-1-9.pddl   | None    | None   | None  | None | None       | None    |
| p-1-10.pddl  | None    | None   | None  | None | None       | None    |
| p-1-11.pddl  | None    | None   | None  | None | None       | None    |
| p-1-12.pddl  | None    | None   | None  | None | None       | None    |
| p-1-13.pddl  | None    | None   | None  | None | None       | None    |
| p-1-14.pddl  | None    | None   | None  | None | None       | None    |
| p-1-15.pddl  | None    | None   | None  | None | None       | None    |
| p-1-16.pddl  | None    | None   | None  | None | None       | None    |
| p-1-17.pddl  | None    | None   | None  | None | None       | None    |
| p-1-18.pddl  | None    | None   | None  | None | None       | None    |
| p-05-5.pddl  | None    | None   | None  | None | None       | None    |
| p-05-6.pddl  | None    | None   | None  | None | None       | None    |
| p-05-7.pddl  | None    | None   | None  | None | None       | None    |
| p-05-8.pddl  | None    | None   | None  | None | None       | None    |
| p-05-9.pddl  | None    | None   | None  | None | None       | None    |
| p-05-10.pddl | None    | None   | None  | None | None       | None    |

# woodworking-opt08-strips

| Cost     | default       | marked        | naive         | psvn          | psvn_split   | watched       |
|----------|---------------|---------------|---------------|---------------|--------------|---------------|
| p01.pddl | <b>170.00</b> | <b>170.00</b> | <b>170.00</b> | None          | None         | <b>170.00</b> |
| p02.pddl | None          | None          | None          | None          | None         | None          |
| p03.pddl | None          | None          | None          | None          | None         | None          |
| p04.pddl | None          | None          | None          | None          | None         | None          |
| p05.pddl | None          | None          | None          | None          | None         | None          |
| p06.pddl | None          | None          | None          | None          | None         | None          |
| p07.pddl | None          | None          | None          | None          | None         | None          |
| p08.pddl | None          | None          | None          | None          | None         | None          |
| p09.pddl | None          | None          | None          | None          | None         | None          |
| p10.pddl | None          | None          | None          | None          | None         | None          |
| p11.pddl | <b>130.00</b> | <b>130.00</b> | <b>130.00</b> | <b>130.00</b> | 140.00       | <b>130.00</b> |
| p12.pddl | None          | None          | None          | None          | None         | None          |
| p13.pddl | None          | None          | None          | None          | None         | None          |
| p14.pddl | None          | None          | None          | None          | None         | None          |
| p15.pddl | None          | None          | None          | None          | None         | None          |
| p16.pddl | None          | None          | None          | None          | None         | None          |
| p17.pddl | None          | None          | None          | None          | None         | None          |
| p18.pddl | None          | None          | None          | None          | None         | None          |
| p19.pddl | None          | None          | None          | None          | None         | None          |
| p20.pddl | None          | None          | None          | None          | None         | None          |
| p21.pddl | <b>95.00</b>  | <b>95.00</b>  | <b>95.00</b>  | <b>95.00</b>  | <b>95.00</b> | <b>95.00</b>  |
| p22.pddl | None          | None          | None          | None          | None         | None          |
| p23.pddl | None          | None          | None          | None          | None         | None          |
| p24.pddl | None          | None          | None          | None          | None         | None          |
| p25.pddl | None          | None          | None          | None          | None         | None          |
| p26.pddl | None          | None          | None          | None          | None         | None          |
| p27.pddl | None          | None          | None          | None          | None         | None          |
| p28.pddl | None          | None          | None          | None          | None         | None          |
| p29.pddl | None          | None          | None          | None          | None         | None          |
| p30.pddl | None          | None          | None          | None          | None         | None          |

## woodworking-opt11-strips

| Cost     | default | marked | naive | psvn | psvn_split | watched |
|----------|---------|--------|-------|------|------------|---------|
| p01.pddl | None    | None   | None  | None | None       | None    |
| p02.pddl | None    | None   | None  | None | None       | None    |
| p03.pddl | None    | None   | None  | None | None       | None    |
| p04.pddl | None    | None   | None  | None | None       | None    |
| p05.pddl | None    | None   | None  | None | None       | None    |
| p06.pddl | None    | None   | None  | None | None       | None    |
| p07.pddl | None    | None   | None  | None | None       | None    |
| p08.pddl | None    | None   | None  | None | None       | None    |
| p09.pddl | None    | None   | None  | None | None       | None    |
| p10.pddl | None    | None   | None  | None | None       | None    |
| p11.pddl | None    | None   | None  | None | None       | None    |
| p12.pddl | None    | None   | None  | None | None       | None    |
| p13.pddl | None    | None   | None  | None | None       | None    |
| p14.pddl | None    | None   | None  | None | None       | None    |
| p15.pddl | None    | None   | None  | None | None       | None    |
| p16.pddl | None    | None   | None  | None | None       | None    |
| p17.pddl | None    | None   | None  | None | None       | None    |
| p18.pddl | None    | None   | None  | None | None       | None    |
| p19.pddl | None    | None   | None  | None | None       | None    |
| p20.pddl | None    | None   | None  | None | None       | None    |



**zenotravel**

| Cost     | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|
| p01.pddl | <b>1.00</b> | <b>1.00</b> | <b>1.00</b> | <b>1.00</b> | <b>1.00</b> | <b>1.00</b> |
| p02.pddl | <b>6.00</b> | <b>6.00</b> | <b>6.00</b> | <b>6.00</b> | <b>6.00</b> | <b>6.00</b> |
| p03.pddl | <b>6.00</b> | <b>6.00</b> | <b>6.00</b> | <b>6.00</b> | <b>6.00</b> | <b>6.00</b> |
| p04.pddl | <b>8.00</b> | <b>8.00</b> | <b>8.00</b> | <b>8.00</b> | <b>8.00</b> | <b>8.00</b> |
| p05.pddl | None        | None        | None        | None        | None        | None        |
| p06.pddl | None        | None        | None        | None        | None        | None        |
| p07.pddl | None        | None        | None        | None        | None        | None        |
| p08.pddl | None        | None        | None        | None        | None        | None        |
| p09.pddl | None        | None        | None        | None        | None        | None        |
| p10.pddl | None        | None        | None        | None        | None        | None        |
| p11.pddl | None        | None        | None        | None        | None        | None        |
| p12.pddl | None        | None        | None        | None        | None        | None        |
| p13.pddl | None        | None        | None        | None        | None        | None        |
| p14.pddl | None        | None        | None        | None        | None        | None        |
| p15.pddl | None        | None        | None        | None        | None        | None        |
| p16.pddl | None        | None        | None        | None        | None        | None        |
| p17.pddl | None        | None        | None        | None        | None        | None        |
| p18.pddl | None        | None        | None        | None        | None        | None        |
| p19.pddl | None        | None        | None        | None        | None        | None        |
| p20.pddl | None        | None        | None        | None        | None        | None        |

## coverage

| Coverage                                  | default   | marked    | naive     | psvn      | psvn_split    | watched   |
|---|-----------|-----------|-----------|-----------|---------------|-----------|
| agricola-opt18-strips (20)                | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>      | <b>0</b>  |
| airport (50)                              | <b>11</b> | <b>11</b> | <b>11</b> | 9         | 7             | <b>11</b> |
| barman-opt11-strips (20)                  | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>      | <b>0</b>  |
| barman-opt14-strips (14)                  | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>      | <b>0</b>  |
| blocks (35)                               | <b>9</b>  | <b>9</b>  | <b>9</b>  | 6         | 6             | <b>9</b>  |
| childsnack-opt14-strips (20)              | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>      | <b>0</b>  |
| data-network-opt18-strips (20)            | <b>3</b>  | <b>3</b>  | <b>3</b>  | 0         | <b>3</b>      | <b>3</b>  |
| depot (22)                                | <b>1</b>  | <b>1</b>  | <b>1</b>  | <b>1</b>  | <b>1</b>      | <b>1</b>  |
| driverlog (20)                            | <b>1</b>  | <b>1</b>  | <b>1</b>  | <b>1</b>  | <b>1</b>      | <b>1</b>  |
| elevators-opt08-strips (30)               | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>      | <b>0</b>  |
| elevators-opt11-strips (20)               | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>      | <b>0</b>  |
| floortile-opt11-strips (20)               | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>      | <b>0</b>  |
| floortile-opt14-strips (20)               | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>      | <b>0</b>  |
| freecell (80)                             | <b>6</b>  | <b>6</b>  | <b>6</b>  | 0         | <b>6</b>      | <b>6</b>  |
| ged-opt14-strips (20)                     | 5         | 5         | 5         | 3         | <b>7</b>      | 5         |
| grid (5)                                  | <b>1</b>  | <b>1</b>  | <b>1</b>  | 0         | 0             | <b>1</b>  |
| gripper (20)                              | <b>2</b>  | <b>2</b>  | <b>2</b>  | <b>2</b>  | <b>2</b>      | <b>2</b>  |
| hiking-opt14-strips (20)                  | <b>2</b>  | <b>2</b>  | <b>2</b>  | <b>2</b>  | 0             | <b>2</b>  |
| logistics00 (28)                          | 2         | <b>3</b>  | <b>3</b>  | 2         | 2             | <b>3</b>  |
| logistics98 (35)                          | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>      | <b>0</b>  |
| miconic (150)                             | <b>25</b> | <b>25</b> | <b>25</b> | <b>25</b> | 20            | <b>25</b> |
| movie (30)                                | <b>30</b> | 0         | <b>30</b> | 0         | 0             | 0         |
| mprime (35)                               | <b>7</b>  | 6         | 6         | 0         | 6             | 6         |
| mystery (30)                              | 8         | 8         | 8         | 2         | 8             | <b>9</b>  |
| nomystery-opt11-strips (20)               | <b>2</b>  | <b>2</b>  | <b>2</b>  | <b>2</b>  | <b>2</b>      | <b>2</b>  |
| openstacks-opt08-strips (30)              | <b>5</b>  | <b>5</b>  | <b>5</b>  | 4         | 4             | <b>5</b>  |
| openstacks-opt11-strips (20)              | <b>1</b>  | <b>1</b>  | <b>1</b>  | 0         | 0             | <b>1</b>  |
| openstacks-opt14-strips (20)              | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>      | <b>0</b>  |
| openstacks-strips (30)                    | <b>5</b>  | <b>5</b>  | <b>5</b>  | <b>5</b>  | <b>5</b>      | <b>5</b>  |
| organic-synthesis-opt18-strips (20)       | <b>7</b>  | <b>7</b>  | <b>7</b>  | 4         | 4             | <b>7</b>  |
| organic-synthesis-split-opt18-strips (20) | <b>3</b>  | <b>3</b>  | <b>3</b>  | 0         | 0             | <b>3</b>  |
| parcprinter-08-strips (30)                | <b>7</b>  | <b>7</b>  | <b>7</b>  | <b>7</b>  | 5             | <b>7</b>  |
| parcprinter-opt11-strips (20)             | <b>3</b>  | <b>3</b>  | <b>3</b>  | <b>3</b>  | 2             | <b>3</b>  |
| parking-opt11-strips (20)                 | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>      | <b>0</b>  |
| parking-opt14-strips (20)                 | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>      | <b>0</b>  |
| pathways (30)                             | <b>2</b>  | <b>2</b>  | <b>2</b>  | 0         | <b>2</b>      | <b>2</b>  |
| pegsol-08-strips (30)                     | <b>8</b>  | <b>8</b>  | <b>8</b>  | 2         | 6             | <b>8</b>  |
| pegsol-opt11-strips (20)                  | <b>1</b>  | <b>1</b>  | <b>1</b>  | 0         | 0             | <b>1</b>  |
| petri-net-alignment-opt18-strips (20)     | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>      | <b>0</b>  |
| pipesworld-notankage (50)                 | <b>3</b>  | <b>3</b>  | <b>3</b>  | 0         | <b>3</b>      | <b>3</b>  |
| pipesworld-tankage (50)                   | <b>2</b>  | <b>2</b>  | <b>2</b>  | 0         | <b>2</b>      | <b>2</b>  |
| psr-small (50)                            | 40        | 40        | 40        | 40        | <del>20</del> | <b>41</b> |
| rovers (40)                               | <b>4</b>  | <b>4</b>  | <b>4</b>  | <b>4</b>  | <b>4</b>      | <b>4</b>  |

The last row reports the sum across all domains.

### agricola-opt18-strips

| Coverage | default | marked | naive | psvn | psvn_split | watched |
|----------|---------|--------|-------|------|------------|---------|
| p01.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p02.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p03.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p04.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p05.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p06.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p07.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p08.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p09.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p10.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p11.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p12.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p13.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p14.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p15.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p16.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p17.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p18.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p19.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p20.pddl | 0       | 0      | 0     | 0    | 0          | 0       |

## airport

| Coverage                     | default | marked | naive | psvn | psvn_split | watched |
|------------------------------|---------|--------|-------|------|------------|---------|
| p01-airport1-p1.pddl         | 1       | 1      | 1     | 1    | 1          | 1       |
| p02-airport1-p1.pddl         | 1       | 1      | 1     | 1    | 1          | 1       |
| p03-airport1-p2.pddl         | 1       | 1      | 1     | 1    | 1          | 1       |
| p04-airport2-p1.pddl         | 1       | 1      | 1     | 1    | 1          | 1       |
| p05-airport2-p1.pddl         | 1       | 1      | 1     | 1    | 1          | 1       |
| p06-airport2-p2.pddl         | 1       | 1      | 1     | 1    | 0          | 1       |
| p07-airport2-p2.pddl         | 1       | 1      | 1     | 1    | 0          | 1       |
| p08-airport2-p3.pddl         | 0       | 0      | 0     | 0    | 0          | 0       |
| p09-airport2-p4.pddl         | 0       | 0      | 0     | 0    | 0          | 0       |
| p10-airport3-p1.pddl         | 1       | 1      | 1     | 1    | 1          | 1       |
| p11-airport3-p1.pddl         | 1       | 1      | 1     | 1    | 1          | 1       |
| p12-airport3-p2.pddl         | 1       | 1      | 1     | 0    | 0          | 1       |
| p13-airport3-p2.pddl         | 1       | 1      | 1     | 0    | 0          | 1       |
| p14-airport3-p3.pddl         | 0       | 0      | 0     | 0    | 0          | 0       |
| p15-airport3-p3.pddl         | 0       | 0      | 0     | 0    | 0          | 0       |
| p16-airport3-p4.pddl         | 0       | 0      | 0     | 0    | 0          | 0       |
| p17-airport3-p5.pddl         | 0       | 0      | 0     | 0    | 0          | 0       |
| p18-airport3-p6.pddl         | 0       | 0      | 0     | 0    | 0          | 0       |
| p19-airport3-p6.pddl         | 0       | 0      | 0     | 0    | 0          | 0       |
| p20-airport3-p7.pddl         | 0       | 0      | 0     | 0    | 0          | 0       |
| p21-airport4halfMUC-p2.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| p22-airport4halfMUC-p3.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| p23-airport4halfMUC-p4.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| p24-airport4halfMUC-p4.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| p25-airport4halfMUC-p5.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| p26-airport4halfMUC-p6.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| p27-airport4halfMUC-p6.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| p28-airport4halfMUC-p7.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| p29-airport4halfMUC-p8.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| p30-airport4halfMUC-p8.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| p31-airport4halfMUC-p9.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| p32-airport4halfMUC-p10.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p33-airport4halfMUC-p10.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p34-airport4halfMUC-p11.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p35-airport4halfMUC-p12.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p36-airport5MUC-p2.pddl      | 0       | 0      | 0     | 0    | 0          | 0       |
| p37-airport5MUC-p3.pddl      | 0       | 0      | 0     | 0    | 0          | 0       |
| p38-airport5MUC-p3.pddl      | 0       | 0      | 0     | 0    | 0          | 0       |
| p39-airport5MUC-p4.pddl      | 0       | 0      | 0     | 0    | 0          | 0       |
| p40-airport5MUC-p4.pddl      | 0       | 0      | 0     | 0    | 0          | 0       |
| p41-airport5MUC-p4.pddl      | 0       | 0      | 0     | 0    | 0          | 0       |
| p42-airport5MUC-p5.pddl      | 0       | 0      | 0     | 0    | 0          | 0       |
| p43-airport5MUC-p5.pddl      | 0       | 0      | 0     | 0    | 0          | 0       |

### barman-opt11-strips

| Coverage         | default | marked | naive | psvn | psvn_split | watched |
|------------------|---------|--------|-------|------|------------|---------|
| pfile01-001.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| pfile01-002.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| pfile01-003.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| pfile01-004.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| pfile02-005.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| pfile02-006.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| pfile02-007.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| pfile02-008.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| pfile03-009.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| pfile03-010.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| pfile03-011.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| pfile03-012.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| pfile04-013.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| pfile04-014.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| pfile04-015.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| pfile04-016.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| pfile05-017.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| pfile05-018.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| pfile05-019.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| pfile05-020.pddl | 0       | 0      | 0     | 0    | 0          | 0       |

### barman-opt14-strips

| Coverage    | default | marked | naive | psvn | psvn_split | watched |
|-------------|---------|--------|-------|------|------------|---------|
| p435-1.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p435-2.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p435-3.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p536-1.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p536-2.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p536-3.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p638-1.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p638-2.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p638-3.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p739-1.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p739-2.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p739-3.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p839-1.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p839-2.pddl | 0       | 0      | 0     | 0    | 0          | 0       |

## blocks

| Coverage             | default | marked | naive | psvn | psvn_split | watched |
|----------------------|---------|--------|-------|------|------------|---------|
| probBLOCKS-4-0.pddl  | 1       | 1      | 1     | 1    | 1          | 1       |
| probBLOCKS-4-1.pddl  | 1       | 1      | 1     | 1    | 1          | 1       |
| probBLOCKS-4-2.pddl  | 1       | 1      | 1     | 1    | 1          | 1       |
| probBLOCKS-5-0.pddl  | 1       | 1      | 1     | 1    | 1          | 1       |
| probBLOCKS-5-1.pddl  | 1       | 1      | 1     | 1    | 1          | 1       |
| probBLOCKS-5-2.pddl  | 1       | 1      | 1     | 1    | 1          | 1       |
| probBLOCKS-6-0.pddl  | 1       | 1      | 1     | 0    | 0          | 1       |
| probBLOCKS-6-1.pddl  | 1       | 1      | 1     | 0    | 0          | 1       |
| probBLOCKS-6-2.pddl  | 1       | 1      | 1     | 0    | 0          | 1       |
| probBLOCKS-7-0.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| probBLOCKS-7-1.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| probBLOCKS-7-2.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| probBLOCKS-8-0.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| probBLOCKS-8-1.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| probBLOCKS-8-2.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| probBLOCKS-9-0.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| probBLOCKS-9-1.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| probBLOCKS-9-2.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| probBLOCKS-10-0.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| probBLOCKS-10-1.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| probBLOCKS-10-2.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| probBLOCKS-11-0.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| probBLOCKS-11-1.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| probBLOCKS-11-2.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| probBLOCKS-12-0.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| probBLOCKS-12-1.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| probBLOCKS-13-0.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| probBLOCKS-13-1.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| probBLOCKS-14-0.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| probBLOCKS-14-1.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| probBLOCKS-15-0.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| probBLOCKS-15-1.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| probBLOCKS-16-1.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| probBLOCKS-16-2.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| probBLOCKS-17-0.pddl | 0       | 0      | 0     | 0    | 0          | 0       |

## childsnack-opt14-strips

| Coverage                   | default | marked | naive | psvn | psvn_split | watched |
|----------------------------|---------|--------|-------|------|------------|---------|
| child-snack_pfile01-2.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| child-snack_pfile01.pddl   | 0       | 0      | 0     | 0    | 0          | 0       |
| child-snack_pfile02-2.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| child-snack_pfile02.pddl   | 0       | 0      | 0     | 0    | 0          | 0       |
| child-snack_pfile03-2.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| child-snack_pfile03.pddl   | 0       | 0      | 0     | 0    | 0          | 0       |
| child-snack_pfile04-2.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| child-snack_pfile04.pddl   | 0       | 0      | 0     | 0    | 0          | 0       |
| child-snack_pfile05-2.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| child-snack_pfile05.pddl   | 0       | 0      | 0     | 0    | 0          | 0       |
| child-snack_pfile06-2.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| child-snack_pfile06.pddl   | 0       | 0      | 0     | 0    | 0          | 0       |
| child-snack_pfile07-2.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| child-snack_pfile07.pddl   | 0       | 0      | 0     | 0    | 0          | 0       |
| child-snack_pfile08-2.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| child-snack_pfile08.pddl   | 0       | 0      | 0     | 0    | 0          | 0       |
| child-snack_pfile09-2.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| child-snack_pfile09.pddl   | 0       | 0      | 0     | 0    | 0          | 0       |
| child-snack_pfile10-2.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| child-snack_pfile10.pddl   | 0       | 0      | 0     | 0    | 0          | 0       |

## data-network-opt18-strips

| Coverage | default | marked | naive | psvn | psvn_split | watched |
|----------|---------|--------|-------|------|------------|---------|
| p01.pddl | 1       | 1      | 1     | 0    | 1          | 1       |
| p02.pddl | 1       | 1      | 1     | 0    | 1          | 1       |
| p03.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p04.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p05.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p06.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p07.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p08.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p09.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p10.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p11.pddl | 1       | 1      | 1     | 0    | 1          | 1       |
| p12.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p13.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p14.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p15.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p16.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p17.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p18.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p19.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p20.pddl | 0       | 0      | 0     | 0    | 0          | 0       |



## depot

| Coverage | default | marked | naive | psvn | psvn_split | watched |
|----------|---------|--------|-------|------|------------|---------|
| p01.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| p02.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p03.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p04.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p05.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p06.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p07.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p08.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p09.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p10.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p11.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p12.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p13.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p14.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p15.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p16.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p17.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p18.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p19.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p20.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p21.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p22.pddl | 0       | 0      | 0     | 0    | 0          | 0       |

## driverlog

| Coverage | default | marked | naive | psvn | psvn_split | watched |
|----------|---------|--------|-------|------|------------|---------|
| p01.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| p02.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p03.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p04.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p05.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p06.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p07.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p08.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p09.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p10.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p11.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p12.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p13.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p14.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p15.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p16.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p17.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p18.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p19.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p20.pddl | 0       | 0      | 0     | 0    | 0          | 0       |

## elevators-opt08-strips

| Coverage | default | marked | naive | psvn | psvn_split | watched |
|----------|---------|--------|-------|------|------------|---------|
| p01.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p02.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p03.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p04.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p05.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p06.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p07.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p08.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p09.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p10.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p11.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p12.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p13.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p14.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p15.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p16.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p17.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p18.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p19.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p20.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p21.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p22.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p23.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p24.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p25.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p26.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p27.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p28.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p29.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p30.pddl | 0       | 0      | 0     | 0    | 0          | 0       |

## elevators-opt11-strips

| Coverage | default | marked | naive | psvn | psvn_split | watched |
|----------|---------|--------|-------|------|------------|---------|
| p01.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p02.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p03.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p04.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p05.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p06.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p07.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p08.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p09.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p10.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p11.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p12.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p13.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p14.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p15.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p16.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p17.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p18.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p19.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p20.pddl | 0       | 0      | 0     | 0    | 0          | 0       |

## floortile-opt11-strips

| Coverage         | default | marked | naive | psvn | psvn_split | watched |
|------------------|---------|--------|-------|------|------------|---------|
| opt-p01-001.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| opt-p01-002.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| opt-p02-003.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| opt-p02-004.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| opt-p03-005.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| opt-p03-006.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| opt-p04-007.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| opt-p04-008.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| opt-p05-009.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| opt-p05-010.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| opt-p06-011.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| opt-p06-012.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| opt-p07-013.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| opt-p07-014.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| opt-p08-015.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| opt-p08-016.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| opt-p09-017.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| opt-p09-018.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| opt-p10-019.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| opt-p10-020.pddl | 0       | 0      | 0     | 0    | 0          | 0       |

## floortile-opt14-strips

| Coverage       | default | marked | naive | psvn | psvn_split | watched |
|----------------|---------|--------|-------|------|------------|---------|
| p01-4-3-2.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p01-4-4-2.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p01-5-3-2.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p01-5-4-2.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p01-5-5-2.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p01-6-4-2.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p01-6-5-2.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p02-4-4-2.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p02-5-3-2.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p02-5-4-2.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p02-5-5-2.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p02-6-4-2.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p02-6-5-2.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p03-4-3-2.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p03-4-4-2.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p03-5-3-2.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p03-5-4-2.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p03-5-5-2.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p03-6-4-2.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p03-6-5-2.pddl | 0       | 0      | 0     | 0    | 0          | 0       |

# freecell

| Coverage              | default | marked | naive | psvn | psvn_split | watched |
|-----------------------|---------|--------|-------|------|------------|---------|
| p01.pddl              | 1       | 1      | 1     | 0    | 1          | 1       |
| p02.pddl              | 0       | 0      | 0     | 0    | 0          | 0       |
| p03.pddl              | 0       | 0      | 0     | 0    | 0          | 0       |
| p04.pddl              | 0       | 0      | 0     | 0    | 0          | 0       |
| p05.pddl              | 0       | 0      | 0     | 0    | 0          | 0       |
| p06.pddl              | 0       | 0      | 0     | 0    | 0          | 0       |
| p07.pddl              | 0       | 0      | 0     | 0    | 0          | 0       |
| p08.pddl              | 0       | 0      | 0     | 0    | 0          | 0       |
| p09.pddl              | 0       | 0      | 0     | 0    | 0          | 0       |
| p10.pddl              | 0       | 0      | 0     | 0    | 0          | 0       |
| p11.pddl              | 0       | 0      | 0     | 0    | 0          | 0       |
| p12.pddl              | 0       | 0      | 0     | 0    | 0          | 0       |
| p13.pddl              | 0       | 0      | 0     | 0    | 0          | 0       |
| p14.pddl              | 0       | 0      | 0     | 0    | 0          | 0       |
| p15.pddl              | 0       | 0      | 0     | 0    | 0          | 0       |
| p16.pddl              | 0       | 0      | 0     | 0    | 0          | 0       |
| p17.pddl              | 0       | 0      | 0     | 0    | 0          | 0       |
| p18.pddl              | 0       | 0      | 0     | 0    | 0          | 0       |
| p19.pddl              | 0       | 0      | 0     | 0    | 0          | 0       |
| p20.pddl              | 0       | 0      | 0     | 0    | 0          | 0       |
| probfreecell-2-1.pddl | 1       | 1      | 1     | 0    | 1          | 1       |
| probfreecell-2-2.pddl | 1       | 1      | 1     | 0    | 1          | 1       |
| probfreecell-2-3.pddl | 1       | 1      | 1     | 0    | 1          | 1       |
| probfreecell-2-4.pddl | 1       | 1      | 1     | 0    | 1          | 1       |
| probfreecell-2-5.pddl | 1       | 1      | 1     | 0    | 1          | 1       |
| probfreecell-3-1.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| probfreecell-3-2.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| probfreecell-3-3.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| probfreecell-3-4.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| probfreecell-3-5.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| probfreecell-4-1.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| probfreecell-4-2.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| probfreecell-4-3.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| probfreecell-4-4.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| probfreecell-4-5.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| probfreecell-5-1.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| probfreecell-5-2.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| probfreecell-5-3.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| probfreecell-5-4.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| probfreecell-5-5.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| probfreecell-6-1.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| probfreecell-6-2.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| probfreecell-6-3.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| probfreecell-6-4.pddl | 0       | 0      | 0     | 0    | 0          | 0       |

## ged-opt14-strips

| Coverage   | default | marked | naive | psvn | psvn_split | watched |
|------------|---------|--------|-------|------|------------|---------|
| d-1-2.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| d-1-3.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| d-1-4.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| d-1-8.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| d-2-1.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| d-2-3.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| d-2-4.pddl | 1       | 1      | 1     | 0    | 1          | 1       |
| d-2-8.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| d-3-1.pddl | 0       | 0      | 0     | 0    | 1          | 0       |
| d-3-2.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| d-3-4.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| d-4-2.pddl | 1       | 1      | 1     | 0    | 1          | 1       |
| d-4-3.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| d-4-8.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| d-7-5.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| d-7-6.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| d-8-1.pddl | 0       | 0      | 0     | 0    | 1          | 0       |
| d-8-2.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| d-8-4.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| d-8-9.pddl | 0       | 0      | 0     | 0    | 0          | 0       |

## grid

| Coverage    | default | marked | naive | psvn | psvn_split | watched |
|-------------|---------|--------|-------|------|------------|---------|
| prob01.pddl | 1       | 1      | 1     | 0    | 0          | 1       |
| prob02.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob03.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob04.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob05.pddl | 0       | 0      | 0     | 0    | 0          | 0       |



## gripper

| Coverage    | default | marked | naive | psvn | psvn_split | watched |
|-------------|---------|--------|-------|------|------------|---------|
| prob01.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| prob02.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| prob03.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob04.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob05.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob06.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob07.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob08.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob09.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob10.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob11.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob12.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob13.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob14.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob15.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob16.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob17.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob18.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob19.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob20.pddl | 0       | 0      | 0     | 0    | 0          | 0       |

## hiking-opt14-strips

| Coverage            | default | marked | naive | psvn | psvn_split | watched |
|---------------------|---------|--------|-------|------|------------|---------|
| ptesting-1-2-3.pddl | 1       | 1      | 1     | 1    | 0          | 1       |
| ptesting-1-2-4.pddl | 1       | 1      | 1     | 1    | 0          | 1       |
| ptesting-1-2-5.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| ptesting-1-2-7.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| ptesting-1-2-8.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| ptesting-2-2-3.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| ptesting-2-2-4.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| ptesting-2-2-5.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| ptesting-2-2-6.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| ptesting-2-2-7.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| ptesting-2-2-8.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| ptesting-2-3-4.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| ptesting-2-3-5.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| ptesting-2-3-6.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| ptesting-2-3-7.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| ptesting-2-4-3.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| ptesting-2-4-4.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| ptesting-2-4-5.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| ptesting-2-4-6.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| ptesting-2-4-7.pddl | 0       | 0      | 0     | 0    | 0          | 0       |

## logistics00

| Coverage                | default | marked | naive | psvn | psvn_split | watched |
|-------------------------|---------|--------|-------|------|------------|---------|
| probLOGISTICS-4-0.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| probLOGISTICS-4-1.pddl  | 0       | 1      | 1     | 0    | 0          | 1       |
| probLOGISTICS-4-2.pddl  | 1       | 1      | 1     | 1    | 1          | 1       |
| probLOGISTICS-5-0.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| probLOGISTICS-5-1.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| probLOGISTICS-5-2.pddl  | 1       | 1      | 1     | 1    | 1          | 1       |
| probLOGISTICS-6-0.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| probLOGISTICS-6-1.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| probLOGISTICS-6-2.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| probLOGISTICS-6-9.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| probLOGISTICS-7-0.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| probLOGISTICS-7-1.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| probLOGISTICS-8-0.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| probLOGISTICS-8-1.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| probLOGISTICS-9-0.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| probLOGISTICS-9-1.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| probLOGISTICS-10-0.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| probLOGISTICS-10-1.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| probLOGISTICS-11-0.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| probLOGISTICS-11-1.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| probLOGISTICS-12-0.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| probLOGISTICS-12-1.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| probLOGISTICS-13-0.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| probLOGISTICS-13-1.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| probLOGISTICS-14-0.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| probLOGISTICS-14-1.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| probLOGISTICS-15-0.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| probLOGISTICS-15-1.pddl | 0       | 0      | 0     | 0    | 0          | 0       |

## logistics98

| Coverage    | default | marked | naive | psvn | psvn_split | watched |
|-------------|---------|--------|-------|------|------------|---------|
| prob01.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob02.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob03.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob04.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob05.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob06.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob07.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob08.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob09.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob10.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob11.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob12.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob13.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob14.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob15.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob16.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob17.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob18.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob19.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob20.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob21.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob22.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob23.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob24.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob25.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob26.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob27.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob28.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob29.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob30.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob31.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob32.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob33.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob34.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob35.pddl | 0       | 0      | 0     | 0    | 0          | 0       |

**miconic**

| Coverage  | default | marked | naive | psvn | psvn_split | watched |
|-----------|---------|--------|-------|------|------------|---------|
| s1-0.pddl | 1       | 1      | 1     | 1    | 0          | 1       |
| s1-1.pddl | 1       | 1      | 1     | 1    | 0          | 1       |
| s1-2.pddl | 1       | 1      | 1     | 1    | 0          | 1       |
| s1-3.pddl | 1       | 1      | 1     | 1    | 0          | 1       |
| s1-4.pddl | 1       | 1      | 1     | 1    | 0          | 1       |
| s2-0.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| s2-1.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| s2-2.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| s2-3.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| s2-4.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| s3-0.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| s3-1.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| s3-2.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| s3-3.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| s3-4.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| s4-0.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| s4-1.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| s4-2.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| s4-3.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| s4-4.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| s5-0.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| s5-1.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| s5-2.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| s5-3.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| s5-4.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| s6-0.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| s6-1.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| s6-2.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| s6-3.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| s6-4.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| s7-0.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| s7-1.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| s7-2.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| s7-3.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| s7-4.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| s8-0.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| s8-1.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| s8-2.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| s8-3.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| s8-4.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| s9-0.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| s9-1.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| s9-2.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| s9-3.pddl | 0       | 0      | 0     | 0    | 0          | 0       |

**movie**

| Coverage    | default | marked | naive | psvn | psvn_split | watched |
|-------------|---------|--------|-------|------|------------|---------|
| prob01.pddl | 1       | 0      | 1     | 0    | 0          | 0       |
| prob02.pddl | 1       | 0      | 1     | 0    | 0          | 0       |
| prob03.pddl | 1       | 0      | 1     | 0    | 0          | 0       |
| prob04.pddl | 1       | 0      | 1     | 0    | 0          | 0       |
| prob05.pddl | 1       | 0      | 1     | 0    | 0          | 0       |
| prob06.pddl | 1       | 0      | 1     | 0    | 0          | 0       |
| prob07.pddl | 1       | 0      | 1     | 0    | 0          | 0       |
| prob08.pddl | 1       | 0      | 1     | 0    | 0          | 0       |
| prob09.pddl | 1       | 0      | 1     | 0    | 0          | 0       |
| prob10.pddl | 1       | 0      | 1     | 0    | 0          | 0       |
| prob11.pddl | 1       | 0      | 1     | 0    | 0          | 0       |
| prob12.pddl | 1       | 0      | 1     | 0    | 0          | 0       |
| prob13.pddl | 1       | 0      | 1     | 0    | 0          | 0       |
| prob14.pddl | 1       | 0      | 1     | 0    | 0          | 0       |
| prob15.pddl | 1       | 0      | 1     | 0    | 0          | 0       |
| prob16.pddl | 1       | 0      | 1     | 0    | 0          | 0       |
| prob17.pddl | 1       | 0      | 1     | 0    | 0          | 0       |
| prob18.pddl | 1       | 0      | 1     | 0    | 0          | 0       |
| prob19.pddl | 1       | 0      | 1     | 0    | 0          | 0       |
| prob20.pddl | 1       | 0      | 1     | 0    | 0          | 0       |
| prob21.pddl | 1       | 0      | 1     | 0    | 0          | 0       |
| prob22.pddl | 1       | 0      | 1     | 0    | 0          | 0       |
| prob23.pddl | 1       | 0      | 1     | 0    | 0          | 0       |
| prob24.pddl | 1       | 0      | 1     | 0    | 0          | 0       |
| prob25.pddl | 1       | 0      | 1     | 0    | 0          | 0       |
| prob26.pddl | 1       | 0      | 1     | 0    | 0          | 0       |
| prob27.pddl | 1       | 0      | 1     | 0    | 0          | 0       |
| prob28.pddl | 1       | 0      | 1     | 0    | 0          | 0       |
| prob29.pddl | 1       | 0      | 1     | 0    | 0          | 0       |
| prob30.pddl | 1       | 0      | 1     | 0    | 0          | 0       |

**mprime**

| Coverage    | default | marked | naive | psvn | psvn_split | watched |
|-------------|---------|--------|-------|------|------------|---------|
| prob01.pddl | 1       | 1      | 1     | 0    | 1          | 1       |
| prob02.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob03.pddl | 1       | 0      | 0     | 0    | 0          | 0       |
| prob04.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob05.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob06.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob07.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob08.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob09.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob10.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob11.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob12.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob13.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob14.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob15.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob16.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob17.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob18.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob19.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob20.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob21.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob22.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob23.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob24.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob25.pddl | 1       | 1      | 1     | 0    | 1          | 1       |
| prob26.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob27.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob28.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob29.pddl | 1       | 1      | 1     | 0    | 1          | 1       |
| prob30.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob31.pddl | 1       | 1      | 1     | 0    | 1          | 1       |
| prob32.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob33.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob34.pddl | 1       | 1      | 1     | 0    | 1          | 1       |
| prob35.pddl | 1       | 1      | 1     | 0    | 1          | 1       |

**mystery**

| Coverage    | default | marked | naive | psvn | psvn_split | watched |
|-------------|---------|--------|-------|------|------------|---------|
| prob01.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| prob02.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob03.pddl | 1       | 1      | 1     | 0    | 1          | 1       |
| prob04.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob05.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob06.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob07.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob08.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob09.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob10.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob11.pddl | 1       | 1      | 1     | 0    | 1          | 1       |
| prob12.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob13.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob14.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob15.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob16.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob17.pddl | 1       | 1      | 1     | 0    | 1          | 1       |
| prob18.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob19.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob20.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob21.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob22.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob23.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob24.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| prob25.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| prob26.pddl | 0       | 0      | 0     | 0    | 0          | 1       |
| prob27.pddl | 1       | 1      | 1     | 0    | 1          | 1       |
| prob28.pddl | 1       | 1      | 1     | 0    | 1          | 1       |
| prob29.pddl | 1       | 1      | 1     | 0    | 1          | 1       |
| prob30.pddl | 0       | 0      | 0     | 0    | 0          | 0       |



**nomystery-opt11-strips**

| Coverage | default | marked | naive | psvn | psvn_split | watched |
|----------|---------|--------|-------|------|------------|---------|
| p01.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| p02.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p03.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p04.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p05.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p06.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p07.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p08.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p09.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p10.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p11.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| p12.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p13.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p14.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p15.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p16.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p17.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p18.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p19.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p20.pddl | 0       | 0      | 0     | 0    | 0          | 0       |

## openstacks-opt08-strips

| Coverage | default | marked | naive | psvn | psvn_split | watched |
|----------|---------|--------|-------|------|------------|---------|
| p01.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| p02.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| p03.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| p04.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| p05.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p06.pddl | 1       | 1      | 1     | 0    | 0          | 1       |
| p07.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p08.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p09.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p10.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p11.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p12.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p13.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p14.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p15.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p16.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p17.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p18.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p19.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p20.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p21.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p22.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p23.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p24.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p25.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p26.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p27.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p28.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p29.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p30.pddl | 0       | 0      | 0     | 0    | 0          | 0       |

## openstacks-opt11-strips

| Coverage | default | marked | naive | psvn | psvn_split | watched |
|----------|---------|--------|-------|------|------------|---------|
| p01.pddl | 1       | 1      | 1     | 0    | 0          | 1       |
| p02.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p03.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p04.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p05.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p06.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p07.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p08.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p09.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p10.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p11.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p12.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p13.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p14.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p15.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p16.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p17.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p18.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p19.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p20.pddl | 0       | 0      | 0     | 0    | 0          | 0       |

## openstacks-opt14-strips

| Coverage   | default | marked | naive | psvn | psvn_split | watched |
|------------|---------|--------|-------|------|------------|---------|
| p20_1.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p20_2.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p20_3.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p25_1.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p25_3.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p30_1.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p30_2.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p30_3.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p35_1.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p35_2.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p35_3.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p40_1.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p40_2.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p40_3.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p45_1.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p45_2.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p45_3.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p50_1.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p50_2.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p50_3.pddl | 0       | 0      | 0     | 0    | 0          | 0       |

## openstacks-strips

| Coverage | default | marked | naive | psvn | psvn_split | watched |
|----------|---------|--------|-------|------|------------|---------|
| p01.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| p02.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| p03.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| p04.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| p05.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| p06.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p07.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p08.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p09.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p10.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p11.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p12.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p13.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p14.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p15.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p16.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p17.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p18.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p19.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p20.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p21.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p22.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p23.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p24.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p25.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p26.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p27.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p28.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p29.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p30.pddl | 0       | 0      | 0     | 0    | 0          | 0       |

**organic-synthesis-opt18-strips**

| Coverage | default | marked | naive | psvn | psvn_split | watched |
|----------|---------|--------|-------|------|------------|---------|
| p01.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| p02.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| p03.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| p04.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p05.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p06.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p07.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| p08.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p09.pddl | 1       | 1      | 1     | 0    | 0          | 1       |
| p10.pddl | 1       | 1      | 1     | 0    | 0          | 1       |
| p11.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p12.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p13.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p14.pddl | 1       | 1      | 1     | 0    | 0          | 1       |
| p15.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p16.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p17.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p18.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p19.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p20.pddl | 0       | 0      | 0     | 0    | 0          | 0       |

**organic-synthesis-split-opt18-strips**

| Coverage | default | marked | naive | psvn | psvn_split | watched |
|----------|---------|--------|-------|------|------------|---------|
| p01.pddl | 1       | 1      | 1     | 0    | 0          | 1       |
| p02.pddl | 1       | 1      | 1     | 0    | 0          | 1       |
| p03.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p04.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p05.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p06.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p07.pddl | 1       | 1      | 1     | 0    | 0          | 1       |
| p08.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p09.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p10.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p11.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p12.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p13.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p14.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p15.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p16.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p17.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p18.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p19.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p20.pddl | 0       | 0      | 0     | 0    | 0          | 0       |

## parcprinter-08-strips

| Coverage | default | marked | naive | psvn | psvn_split | watched |
|----------|---------|--------|-------|------|------------|---------|
| p01.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| p02.pddl | 1       | 1      | 1     | 1    | 0          | 1       |
| p03.pddl | 1       | 1      | 1     | 1    | 0          | 1       |
| p04.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p05.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p06.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p07.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p08.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p09.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p10.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p11.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| p12.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| p13.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p14.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p15.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p16.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p17.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p18.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p19.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p20.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p21.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| p22.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| p23.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p24.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p25.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p26.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p27.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p28.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p29.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p30.pddl | 0       | 0      | 0     | 0    | 0          | 0       |



# parcprinter-opt11-strips

| Coverage | default | marked | naive | psvn | psvn_split | watched |
|----------|---------|--------|-------|------|------------|---------|
| p01.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| p02.pddl | 1       | 1      | 1     | 1    | 0          | 1       |
| p03.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| p04.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p05.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p06.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p07.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p08.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p09.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p10.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p11.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p12.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p13.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p14.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p15.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p16.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p17.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p18.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p19.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p20.pddl | 0       | 0      | 0     | 0    | 0          | 0       |

## parking-opt11-strips

| Coverage         | default | marked | naive | psvn | psvn_split | watched |
|------------------|---------|--------|-------|------|------------|---------|
| pfile03-011.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| pfile03-012.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| pfile04-013.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| pfile04-014.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| pfile04-015.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| pfile04-016.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| pfile05-017.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| pfile05-018.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| pfile05-019.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| pfile05-020.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| pfile06-021.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| pfile06-022.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| pfile06-023.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| pfile06-024.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| pfile07-025.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| pfile07-026.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| pfile07-027.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| pfile07-028.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| pfile08-029.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| pfile08-030.pddl | 0       | 0      | 0     | 0    | 0          | 0       |

## parking-opt14-strips

| Coverage        | default | marked | naive | psvn | psvn_split | watched |
|-----------------|---------|--------|-------|------|------------|---------|
| p_12_7-01.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| p_12_7-02.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| p_12_7-03.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| p_12_7-04.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| p_14_8-01.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| p_14_8-02.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| p_14_8-03.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| p_14_8-04.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| p_16_9-01.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| p_16_9-02.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| p_16_9-03.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| p_16_9-04.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| p_18_10-01.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p_18_10-02.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p_18_10-03.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p_18_10-04.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p_20_11-01.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p_20_11-02.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p_20_11-03.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p_20_11-04.pddl | 0       | 0      | 0     | 0    | 0          | 0       |

## pathways

| Coverage | default | marked | naive | psvn | psvn_split | watched |
|----------|---------|--------|-------|------|------------|---------|
| p01.pddl | 1       | 1      | 1     | 0    | 1          | 1       |
| p02.pddl | 1       | 1      | 1     | 0    | 1          | 1       |
| p03.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p04.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p05.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p06.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p07.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p08.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p09.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p10.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p11.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p12.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p13.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p14.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p15.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p16.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p17.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p18.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p19.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p20.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p21.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p22.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p23.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p24.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p25.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p26.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p27.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p28.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p29.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p30.pddl | 0       | 0      | 0     | 0    | 0          | 0       |

## pegsol-08-strips

| Coverage | default | marked | naive | psvn | psvn_split | watched |
|----------|---------|--------|-------|------|------------|---------|
| p01.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| p02.pddl | 1       | 1      | 1     | 0    | 0          | 1       |
| p03.pddl | 1       | 1      | 1     | 0    | 1          | 1       |
| p04.pddl | 1       | 1      | 1     | 0    | 1          | 1       |
| p05.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| p06.pddl | 1       | 1      | 1     | 0    | 1          | 1       |
| p07.pddl | 1       | 1      | 1     | 0    | 0          | 1       |
| p08.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p09.pddl | 1       | 1      | 1     | 0    | 1          | 1       |
| p10.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p11.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p12.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p13.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p14.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p15.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p16.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p17.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p18.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p19.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p20.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p21.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p22.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p23.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p24.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p25.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p26.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p27.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p28.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p29.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p30.pddl | 0       | 0      | 0     | 0    | 0          | 0       |

## pegsol-opt11-strips

| Coverage | default | marked | naive | psvn | psvn_split | watched |
|----------|---------|--------|-------|------|------------|---------|
| p01.pddl | 1       | 1      | 1     | 0    | 0          | 1       |
| p02.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p03.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p04.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p05.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p06.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p07.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p08.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p09.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p10.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p11.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p12.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p13.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p14.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p15.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p16.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p17.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p18.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p19.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p20.pddl | 0       | 0      | 0     | 0    | 0          | 0       |

**petri-net-alignment-opt18-strips**

| Coverage | default | marked | naive | psvn | psvn_split | watched |
|----------|---------|--------|-------|------|------------|---------|
| p01.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p02.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p03.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p04.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p05.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p06.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p07.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p08.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p09.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p10.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p11.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p12.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p13.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p14.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p15.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p16.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p17.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p18.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p19.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p20.pddl | 0       | 0      | 0     | 0    | 0          | 0       |

## pipesworld-notankage

| Coverage             | default | marked | naive | psvn | psvn_split | watched |
|----------------------|---------|--------|-------|------|------------|---------|
| p01-net1-b6-g2.pddl  | 1       | 1      | 1     | 0    | 1          | 1       |
| p02-net1-b6-g4.pddl  | 1       | 1      | 1     | 0    | 1          | 1       |
| p03-net1-b8-g3.pddl  | 1       | 1      | 1     | 0    | 1          | 1       |
| p04-net1-b8-g5.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| p05-net1-b10-g4.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p06-net1-b10-g6.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p07-net1-b12-g5.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p08-net1-b12-g7.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p09-net1-b14-g6.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p10-net1-b14-g8.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p11-net2-b10-g2.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p12-net2-b10-g4.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p13-net2-b12-g3.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p14-net2-b12-g5.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p15-net2-b14-g4.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p16-net2-b14-g6.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p17-net2-b16-g5.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p18-net2-b16-g7.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p19-net2-b18-g6.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p20-net2-b18-g8.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p21-net3-b12-g2.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p22-net3-b12-g4.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p23-net3-b14-g3.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p24-net3-b14-g5.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p25-net3-b16-g5.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p26-net3-b16-g7.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p27-net3-b18-g6.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p28-net3-b18-g7.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p29-net3-b20-g6.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p30-net3-b20-g8.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p31-net4-b14-g3.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p32-net4-b14-g5.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p33-net4-b16-g5.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p34-net4-b16-g6.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p35-net4-b18-g4.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p36-net4-b18-g6.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p37-net4-b20-g5.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p38-net4-b20-g7.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p39-net4-b22-g7.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p40-net4-b22-g8.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p41-net5-b22-g2.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p42-net5-b22-g4.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p43-net5-b24-g3.pddl | 0       | 0      | 0     | 0    | 0          | 0       |



## pipesworld-tankage

| Coverage                 | default | marked | naive | psvn | psvn_split | watched |
|--------------------------|---------|--------|-------|------|------------|---------|
| p01-net1-b6-g2-t50.pddl  | 1       | 1      | 1     | 0    | 1          | 1       |
| p02-net1-b6-g4-t50.pddl  | 1       | 1      | 1     | 0    | 1          | 1       |
| p03-net1-b8-g3-t80.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| p04-net1-b8-g5-t80.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| p05-net1-b10-g4-t50.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p06-net1-b10-g6-t50.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p07-net1-b12-g5-t80.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p08-net1-b12-g7-t80.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p09-net1-b14-g6-t50.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p10-net1-b14-g8-t50.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p11-net2-b10-g2-t30.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p12-net2-b10-g4-t60.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p13-net2-b12-g3-t70.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p14-net2-b12-g5-t30.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p15-net2-b14-g4-t30.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p16-net2-b14-g6-t80.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p17-net2-b16-g5-t20.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p18-net2-b16-g7-t60.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p19-net2-b18-g6-t60.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p20-net2-b18-g8-t90.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p21-net3-b12-g2-t60.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p22-net3-b12-g4-t60.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p23-net3-b14-g3-t60.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p24-net3-b14-g5-t60.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p25-net3-b16-g5-t60.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p26-net3-b16-g7-t70.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p27-net3-b18-g6-t70.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p28-net3-b18-g7-t70.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p29-net3-b20-g6-t70.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p30-net3-b20-g8-t70.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p31-net4-b14-g3-t20.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p32-net4-b14-g5-t30.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p33-net4-b16-g5-t60.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p34-net4-b16-g6-t60.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p35-net4-b18-g4-t90.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p36-net4-b18-g6-t90.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p37-net4-b20-g5-t60.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p38-net4-b20-g7-t60.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p39-net4-b22-g7-t50.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p40-net4-b22-g8-t50.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p41-net5-b22-g2-t20.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p42-net5-b22-g4-t50.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p43-net5-b24-g3-t80.pddl | 0       | 0      | 0     | 0    | 0          | 0       |

**psr-small**

| Coverage               | default | marked | naive | psvn | psvn_split | watched |
|------------------------|---------|--------|-------|------|------------|---------|
| p01-s2-n1-l2-f50.pddl  | 1       | 1      | 1     | 1    | 0          | 1       |
| p02-s5-n1-l3-f30.pddl  | 1       | 1      | 1     | 1    | 0          | 1       |
| p03-s7-n1-l3-f70.pddl  | 1       | 1      | 1     | 1    | 0          | 1       |
| p04-s8-n1-l4-f10.pddl  | 1       | 1      | 1     | 1    | 0          | 1       |
| p05-s9-n1-l4-f30.pddl  | 1       | 1      | 1     | 1    | 0          | 1       |
| p06-s10-n1-l4-f50.pddl | 1       | 1      | 1     | 1    | 0          | 1       |
| p07-s11-n1-l4-f70.pddl | 1       | 1      | 1     | 1    | 0          | 1       |
| p08-s12-n1-l5-f10.pddl | 1       | 1      | 1     | 1    | 0          | 1       |
| p09-s13-n1-l5-f30.pddl | 1       | 1      | 1     | 1    | 0          | 1       |
| p10-s17-n2-l2-f30.pddl | 1       | 1      | 1     | 1    | 0          | 1       |
| p11-s18-n2-l2-f50.pddl | 1       | 1      | 1     | 1    | 0          | 1       |
| p12-s21-n2-l3-f30.pddl | 1       | 1      | 1     | 1    | 0          | 1       |
| p13-s22-n2-l3-f50.pddl | 1       | 1      | 1     | 1    | 0          | 1       |
| p14-s23-n2-l3-f70.pddl | 1       | 1      | 1     | 1    | 0          | 1       |
| p15-s24-n2-l4-f10.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| p16-s29-n2-l5-f30.pddl | 1       | 1      | 1     | 1    | 0          | 1       |
| p17-s30-n2-l5-f50.pddl | 1       | 1      | 1     | 1    | 0          | 1       |
| p18-s31-n2-l5-f70.pddl | 1       | 1      | 1     | 1    | 0          | 1       |
| p19-s33-n3-l2-f30.pddl | 1       | 1      | 1     | 1    | 0          | 1       |
| p20-s34-n3-l2-f50.pddl | 1       | 1      | 1     | 1    | 0          | 1       |
| p21-s35-n3-l2-f70.pddl | 1       | 1      | 1     | 1    | 0          | 1       |
| p22-s37-n3-l3-f30.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p23-s38-n3-l3-f50.pddl | 1       | 1      | 1     | 1    | 0          | 1       |
| p24-s39-n3-l3-f70.pddl | 1       | 1      | 1     | 1    | 0          | 1       |
| p25-s40-n3-l4-f10.pddl | 0       | 0      | 0     | 0    | 1          | 1       |
| p26-s41-n3-l4-f30.pddl | 1       | 1      | 1     | 1    | 0          | 1       |
| p27-s42-n3-l4-f50.pddl | 1       | 1      | 1     | 1    | 0          | 1       |
| p28-s43-n3-l4-f70.pddl | 1       | 1      | 1     | 1    | 0          | 1       |
| p29-s45-n3-l5-f30.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p30-s46-n3-l5-f50.pddl | 1       | 1      | 1     | 1    | 0          | 1       |
| p31-s49-n4-l2-f30.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p32-s50-n4-l2-f50.pddl | 1       | 1      | 1     | 1    | 0          | 1       |
| p33-s51-n4-l2-f70.pddl | 1       | 1      | 1     | 1    | 0          | 1       |
| p34-s55-n4-l3-f70.pddl | 1       | 1      | 1     | 1    | 0          | 1       |
| p35-s57-n5-l2-f30.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p36-s65-n6-l2-f30.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p37-s67-n6-l2-f70.pddl | 1       | 1      | 1     | 1    | 0          | 1       |
| p38-s78-n3-l3-f50.pddl | 1       | 1      | 1     | 1    | 0          | 1       |
| p39-s79-n3-l3-f70.pddl | 1       | 1      | 1     | 1    | 0          | 1       |
| p40-s80-n3-l4-f10.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p41-s81-n3-l4-f30.pddl | 1       | 1      | 1     | 1    | 0          | 1       |
| p42-s82-n3-l4-f50.pddl | 1       | 1      | 1     | 1    | 0          | 1       |
| p43-s83-n3-l4-f70.pddl | 1       | 1      | 1     | 1    | 0          | 1       |

**rovers**

| Coverage | default | marked | naive | psvn | psvn_split | watched |
|----------|---------|--------|-------|------|------------|---------|
| p01.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| p02.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| p03.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| p04.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| p05.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p06.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p07.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p08.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p09.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p10.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p11.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p12.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p13.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p14.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p15.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p16.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p17.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p18.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p19.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p20.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p21.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p22.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p23.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p24.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p25.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p26.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p27.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p28.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p29.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p30.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p31.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p32.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p33.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p34.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p35.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p36.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p37.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p38.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p39.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p40.pddl | 0       | 0      | 0     | 0    | 0          | 0       |

## satellite

| Coverage            | default | marked | naive | psvn | psvn_split | watched |
|---------------------|---------|--------|-------|------|------------|---------|
| p01-pfile1.pddl     | 1       | 1      | 1     | 1    | 1          | 1       |
| p02-pfile2.pddl     | 1       | 1      | 1     | 1    | 1          | 1       |
| p03-pfile3.pddl     | 0       | 0      | 0     | 0    | 0          | 0       |
| p04-pfile4.pddl     | 0       | 0      | 0     | 0    | 0          | 0       |
| p05-pfile5.pddl     | 0       | 0      | 0     | 0    | 0          | 0       |
| p06-pfile6.pddl     | 0       | 0      | 0     | 0    | 0          | 0       |
| p07-pfile7.pddl     | 0       | 0      | 0     | 0    | 0          | 0       |
| p08-pfile8.pddl     | 0       | 0      | 0     | 0    | 0          | 0       |
| p09-pfile9.pddl     | 0       | 0      | 0     | 0    | 0          | 0       |
| p10-pfile10.pddl    | 0       | 0      | 0     | 0    | 0          | 0       |
| p11-pfile11.pddl    | 0       | 0      | 0     | 0    | 0          | 0       |
| p12-pfile12.pddl    | 0       | 0      | 0     | 0    | 0          | 0       |
| p13-pfile13.pddl    | 0       | 0      | 0     | 0    | 0          | 0       |
| p14-pfile14.pddl    | 0       | 0      | 0     | 0    | 0          | 0       |
| p15-pfile15.pddl    | 0       | 0      | 0     | 0    | 0          | 0       |
| p16-pfile16.pddl    | 0       | 0      | 0     | 0    | 0          | 0       |
| p17-pfile17.pddl    | 0       | 0      | 0     | 0    | 0          | 0       |
| p18-pfile18.pddl    | 0       | 0      | 0     | 0    | 0          | 0       |
| p19-pfile19.pddl    | 0       | 0      | 0     | 0    | 0          | 0       |
| p20-pfile20.pddl    | 0       | 0      | 0     | 0    | 0          | 0       |
| p21-HC-pfile1.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| p22-HC-pfile2.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| p23-HC-pfile3.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| p24-HC-pfile4.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| p25-HC-pfile5.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| p26-HC-pfile6.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| p27-HC-pfile7.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| p28-HC-pfile8.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| p29-HC-pfile9.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| p30-HC-pfile10.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p31-HC-pfile11.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p32-HC-pfile12.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p33-HC-pfile13.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p34-HC-pfile14.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p35-HC-pfile15.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p36-HC-pfile16.pddl | 0       | 0      | 0     | 0    | 0          | 0       |

## scanalyzer-08-strips

| Coverage | default | marked | naive | psvn | psvn_split | watched |
|----------|---------|--------|-------|------|------------|---------|
| p01.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p02.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p03.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p04.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p05.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p06.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p07.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p08.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p09.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p10.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p11.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p12.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p13.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p14.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p15.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p16.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p17.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p18.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p19.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p20.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p21.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p22.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| p23.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| p24.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| p25.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p26.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p27.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p28.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p29.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p30.pddl | 0       | 0      | 0     | 0    | 0          | 0       |

## scanalyzer-opt11-strips

| Coverage | default | marked | naive | psvn | psvn_split | watched |
|----------|---------|--------|-------|------|------------|---------|
| p01.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| p02.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p03.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p04.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p05.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p06.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p07.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p08.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p09.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p10.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p11.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p12.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p13.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p14.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p15.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p16.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p17.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p18.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p19.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p20.pddl | 0       | 0      | 0     | 0    | 0          | 0       |

**snake-opt18-strips**

| Coverage | default | marked | naive | psvn | psvn_split | watched |
|----------|---------|--------|-------|------|------------|---------|
| p01.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p02.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p03.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p04.pddl | 1       | 1      | 1     | 0    | 1          | 1       |
| p05.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p06.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p07.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p08.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p09.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p10.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p11.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p12.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p13.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p14.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p15.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p16.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p17.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p18.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p19.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p20.pddl | 0       | 0      | 0     | 0    | 0          | 0       |

# sokoban-opt08-strips

| Coverage | default | marked | naive | psvn | psvn_split | watched |
|----------|---------|--------|-------|------|------------|---------|
| p01.pddl | 1       | 1      | 1     | 1    | 0          | 1       |
| p02.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| p03.pddl | 1       | 1      | 1     | 1    | 0          | 1       |
| p04.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p05.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p06.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p07.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p08.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p09.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p10.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p11.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p12.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p13.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p14.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p15.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p16.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p17.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p18.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p19.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p20.pddl | 1       | 1      | 1     | 0    | 0          | 1       |
| p21.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p22.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p23.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p24.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p25.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p26.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p27.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p28.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p29.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p30.pddl | 0       | 0      | 0     | 0    | 0          | 0       |



### sokoban-opt11-strips

| Coverage | default | marked | naive | psvn | psvn_split | watched |
|----------|---------|--------|-------|------|------------|---------|
| p01.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p02.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p03.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p04.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p05.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p06.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p07.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p08.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p09.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p10.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p11.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p12.pddl | 1       | 1      | 1     | 0    | 0          | 1       |
| p13.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p14.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p15.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p16.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p17.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p18.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p19.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p20.pddl | 0       | 0      | 0     | 0    | 0          | 0       |

### spider-opt18-strips

| Coverage | default | marked | naive | psvn | psvn_split | watched |
|----------|---------|--------|-------|------|------------|---------|
| p01.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p02.pddl | 1       | 1      | 1     | 0    | 0          | 1       |
| p03.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p04.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p05.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p06.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p07.pddl | 1       | 1      | 1     | 0    | 0          | 1       |
| p08.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p09.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p10.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p11.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p12.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p13.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p14.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p15.pddl | 1       | 1      | 1     | 0    | 0          | 1       |
| p16.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p17.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p18.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p19.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p20.pddl | 0       | 0      | 0     | 0    | 0          | 0       |

## storage

| Coverage | default | marked | naive | psvn | psvn_split | watched |
|----------|---------|--------|-------|------|------------|---------|
| p01.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| p02.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| p03.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| p04.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| p05.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| p06.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| p07.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| p08.pddl | 1       | 1      | 1     | 0    | 1          | 1       |
| p09.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p10.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p11.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p12.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p13.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p14.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p15.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p16.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p17.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p18.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p19.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p20.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p21.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p22.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p23.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p24.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p25.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p26.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p27.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p28.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p29.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p30.pddl | 0       | 0      | 0     | 0    | 0          | 0       |

**termes-opt18-strips**

| Coverage | default | marked | naive | psvn | psvn_split | watched |
|----------|---------|--------|-------|------|------------|---------|
| p01.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p02.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p03.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p04.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p05.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p06.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p07.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p08.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p09.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p10.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p11.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p12.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p13.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p14.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p15.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p16.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p17.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p18.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p19.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p20.pddl | 0       | 0      | 0     | 0    | 0          | 0       |

**tetris-opt14-strips**

| Coverage    | default | marked | naive | psvn | psvn_split | watched |
|-------------|---------|--------|-------|------|------------|---------|
| p01-6.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| p01-8.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| p01-10.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p02-4.pddl  | 1       | 1      | 1     | 0    | 0          | 1       |
| p02-6.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| p02-8.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| p02-10.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p03-4.pddl  | 1       | 1      | 1     | 0    | 0          | 1       |
| p03-6.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| p03-8.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| p03-10.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p04-6.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| p04-8.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| p04-10.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p05-6.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| p05-8.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| p05-10.pddl | 0       | 0      | 0     | 0    | 0          | 0       |

### tidybot-opt11-strips

| Coverage | default | marked | naive | psvn | psvn_split | watched |
|----------|---------|--------|-------|------|------------|---------|
| p01.pddl | 1       | 1      | 1     | 0    | 0          | 1       |
| p02.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p03.pddl | 0       | 1      | 1     | 0    | 0          | 1       |
| p04.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p05.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p06.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p07.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p08.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p09.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p10.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p11.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p12.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p13.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p14.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p15.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p16.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p17.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p18.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p19.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p20.pddl | 0       | 0      | 0     | 0    | 0          | 0       |

### tidybot-opt14-strips

| Coverage | default | marked | naive | psvn | psvn_split | watched |
|----------|---------|--------|-------|------|------------|---------|
| p01.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p02.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p03.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p04.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p05.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p06.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p07.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p08.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p09.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p10.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p11.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p12.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p13.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p14.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p15.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p16.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p17.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p18.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p19.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p20.pddl | 0       | 0      | 0     | 0    | 0          | 0       |

**tpp**

| Coverage | default | marked | naive | psvn | psvn_split | watched |
|----------|---------|--------|-------|------|------------|---------|
| p01.pddl | 1       | 1      | 1     | 1    | 0          | 1       |
| p02.pddl | 1       | 1      | 1     | 1    | 0          | 1       |
| p03.pddl | 1       | 1      | 1     | 1    | 0          | 1       |
| p04.pddl | 1       | 1      | 1     | 1    | 0          | 1       |
| p05.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p06.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p07.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p08.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p09.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p10.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p11.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p12.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p13.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p14.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p15.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p16.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p17.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p18.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p19.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p20.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p21.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p22.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p23.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p24.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p25.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p26.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p27.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p28.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p29.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p30.pddl | 0       | 0      | 0     | 0    | 0          | 0       |



**transport-opt08-strips**

| Coverage | default | marked | naive | psvn | psvn_split | watched |
|----------|---------|--------|-------|------|------------|---------|
| p01.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| p02.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| p03.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p04.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p05.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p06.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p07.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p08.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p09.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p10.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p11.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| p12.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p13.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p14.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p15.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p16.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p17.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p18.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p19.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p20.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p21.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| p22.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| p23.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p24.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p25.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p26.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p27.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p28.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p29.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p30.pddl | 0       | 0      | 0     | 0    | 0          | 0       |

**transport-opt11-strips**

| Coverage | default | marked | naive | psvn | psvn_split | watched |
|----------|---------|--------|-------|------|------------|---------|
| p01.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p02.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p03.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p04.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p05.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p06.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p07.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p08.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p09.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p10.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p11.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p12.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p13.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p14.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p15.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p16.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p17.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p18.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p19.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p20.pddl | 0       | 0      | 0     | 0    | 0          | 0       |

**transport-opt14-strips**

| Coverage | default | marked | naive | psvn | psvn_split | watched |
|----------|---------|--------|-------|------|------------|---------|
| p01.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p02.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p03.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p04.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p05.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p06.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p07.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p08.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p09.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p10.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p11.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p12.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p13.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p14.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p15.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p16.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p17.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p18.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p19.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p20.pddl | 0       | 0      | 0     | 0    | 0          | 0       |

## trucks-strips

| Coverage | default | marked | naive | psvn | psvn_split | watched |
|----------|---------|--------|-------|------|------------|---------|
| p01.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| p02.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p03.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p04.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p05.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p06.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p07.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p08.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p09.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p10.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p11.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p12.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p13.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p14.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p15.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p16.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p17.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p18.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p19.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p20.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p21.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p22.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p23.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p24.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p25.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p26.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p27.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p28.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p29.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p30.pddl | 0       | 0      | 0     | 0    | 0          | 0       |

## visitall-opt11-strips

| Coverage            | default | marked | naive | psvn | psvn_split | watched |
|---------------------|---------|--------|-------|------|------------|---------|
| problem02-full.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| problem02-half.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| problem03-full.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| problem03-half.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| problem04-full.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| problem04-half.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| problem05-full.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| problem05-half.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| problem06-full.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| problem06-half.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| problem07-full.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| problem07-half.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| problem08-full.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| problem08-half.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| problem09-full.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| problem09-half.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| problem10-full.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| problem10-half.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| problem11-full.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| problem11-half.pddl | 0       | 0      | 0     | 0    | 0          | 0       |

**visitall-opt14-strips**

| Coverage     | default | marked | naive | psvn | psvn_split | watched |
|--------------|---------|--------|-------|------|------------|---------|
| p-1-5.pddl   | 0       | 0      | 0     | 0    | 0          | 0       |
| p-1-6.pddl   | 0       | 0      | 0     | 0    | 0          | 0       |
| p-1-7.pddl   | 0       | 0      | 0     | 0    | 0          | 0       |
| p-1-8.pddl   | 0       | 0      | 0     | 0    | 0          | 0       |
| p-1-9.pddl   | 0       | 0      | 0     | 0    | 0          | 0       |
| p-1-10.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| p-1-11.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| p-1-12.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| p-1-13.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| p-1-14.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| p-1-15.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| p-1-16.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| p-1-17.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| p-1-18.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| p-05-5.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| p-05-6.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| p-05-7.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| p-05-8.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| p-05-9.pddl  | 0       | 0      | 0     | 0    | 0          | 0       |
| p-05-10.pddl | 0       | 0      | 0     | 0    | 0          | 0       |

## woodworking-opt08-strips

| Coverage | default | marked | naive | psvn | psvn_split | watched |
|----------|---------|--------|-------|------|------------|---------|
| p01.pddl | 1       | 1      | 1     | 0    | 0          | 1       |
| p02.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p03.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p04.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p05.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p06.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p07.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p08.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p09.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p10.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p11.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| p12.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p13.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p14.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p15.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p16.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p17.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p18.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p19.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p20.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p21.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| p22.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p23.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p24.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p25.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p26.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p27.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p28.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p29.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p30.pddl | 0       | 0      | 0     | 0    | 0          | 0       |

## woodworking-opt11-strips

| Coverage | default | marked | naive | psvn | psvn_split | watched |
|----------|---------|--------|-------|------|------------|---------|
| p01.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p02.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p03.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p04.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p05.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p06.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p07.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p08.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p09.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p10.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p11.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p12.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p13.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p14.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p15.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p16.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p17.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p18.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p19.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p20.pddl | 0       | 0      | 0     | 0    | 0          | 0       |



**zenotravel**

| Coverage | default | marked | naive | psvn | psvn_split | watched |
|----------|---------|--------|-------|------|------------|---------|
| p01.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| p02.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| p03.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| p04.pddl | 1       | 1      | 1     | 1    | 1          | 1       |
| p05.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p06.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p07.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p08.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p09.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p10.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p11.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p12.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p13.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p14.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p15.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p16.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p17.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p18.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p19.pddl | 0       | 0      | 0     | 0    | 0          | 0       |
| p20.pddl | 0       | 0      | 0     | 0    | 0          | 0       |

## error

### error-exitcode-250

| error-exitcode-250                   | default | marked | naive | psvn | psvn_split | watched |
|--------------------------------------|---------|--------|-------|------|------------|---------|
| agricola-opt18-strips                | 0       | 0      | 0     | 0    | 0          | 0       |
| airport                              | 0       | 0      | 0     | 0    | 0          | 0       |
| barman-opt11-strips                  | 0       | 0      | 0     | 0    | 0          | 0       |
| barman-opt14-strips                  | 0       | 0      | 0     | 0    | 0          | 0       |
| blocks                               | 0       | 0      | 0     | 0    | 0          | 0       |
| childsnap-opt14-strips               | 0       | 0      | 0     | 0    | 0          | 0       |
| data-network-opt18-strips            | 0       | 0      | 0     | 0    | 0          | 0       |
| depot                                | 0       | 0      | 0     | 0    | 0          | 0       |
| driverlog                            | 0       | 0      | 0     | 0    | 0          | 0       |
| elevators-opt08-strips               | 0       | 0      | 0     | 0    | 0          | 0       |
| elevators-opt11-strips               | 0       | 0      | 0     | 0    | 0          | 0       |
| floortile-opt11-strips               | 0       | 0      | 0     | 0    | 0          | 0       |
| floortile-opt14-strips               | 0       | 0      | 0     | 0    | 0          | 0       |
| freecell                             | 0       | 0      | 0     | 0    | 0          | 0       |
| ged-opt14-strips                     | 0       | 0      | 0     | 0    | 0          | 0       |
| grid                                 | 0       | 0      | 0     | 0    | 0          | 0       |
| grripper                             | 0       | 0      | 0     | 0    | 0          | 0       |
| hiking-opt14-strips                  | 0       | 0      | 0     | 0    | 0          | 0       |
| logistics00                          | 0       | 0      | 0     | 0    | 0          | 0       |
| logistics98                          | 0       | 0      | 0     | 0    | 0          | 0       |
| miconic                              | 0       | 0      | 0     | 0    | 0          | 0       |
| movie                                | 0       | 0      | 0     | 30   | 30         | 0       |
| mprime                               | 0       | 0      | 0     | 0    | 0          | 0       |
| mystery                              | 0       | 0      | 0     | 0    | 0          | 0       |
| nomystery-opt11-strips               | 0       | 0      | 0     | 0    | 0          | 0       |
| openstacks-opt08-strips              | 0       | 0      | 0     | 0    | 0          | 0       |
| openstacks-opt11-strips              | 0       | 0      | 0     | 0    | 0          | 0       |
| openstacks-opt14-strips              | 0       | 0      | 0     | 0    | 0          | 0       |
| openstacks-strips                    | 0       | 0      | 0     | 0    | 0          | 0       |
| organic-synthesis-opt18-strips       | 0       | 0      | 0     | 0    | 0          | 0       |
| organic-synthesis-split-opt18-strips | 0       | 0      | 0     | 0    | 0          | 0       |
| parcprinter-08-strips                | 0       | 0      | 0     | 0    | 0          | 0       |
| parcprinter-opt11-strips             | 0       | 0      | 0     | 0    | 0          | 0       |
| parking-opt11-strips                 | 0       | 0      | 0     | 0    | 0          | 0       |
| parking-opt14-strips                 | 0       | 0      | 0     | 0    | 0          | 0       |
| pathways                             | 0       | 0      | 0     | 0    | 0          | 0       |
| pegsol-08-strips                     | 0       | 0      | 0     | 0    | 0          | 0       |
| pegsol-opt11-strips                  | 0       | 0      | 0     | 0    | 0          | 0       |
| petri-net-alignment-opt18-strips     | 0       | 0      | 0     | 0    | 0          | 0       |
| pipesworld-notankage                 | 0       | 0      | 0     | 0    | 0          | 0       |
| pipesworld-tankage                   | 0       | 0      | 0     | 0    | 0          | 194     |
| rovers                               | 0       | 0      | 0     | 0    | 0          | 0       |

## error-search-out-of-memory

| error-search-out-of-memory           | default | marked | naive | psvn | psvn_split | watched |
|--------------------------------------|---------|--------|-------|------|------------|---------|
| agricola-opt18-strips                | 0       | 0      | 0     | 20   | 14         | 0       |
| airport                              | 0       | 0      | 0     | 41   | 33         | 0       |
| barman-opt11-strips                  | 0       | 0      | 0     | 20   | 0          | 0       |
| barman-opt14-strips                  | 0       | 0      | 0     | 14   | 0          | 0       |
| blocks                               | 0       | 0      | 0     | 29   | 0          | 0       |
| childsnaack-opt14-strips             | 0       | 0      | 0     | 20   | 6          | 0       |
| data-network-opt18-strips            | 0       | 0      | 0     | 20   | 0          | 0       |
| depot                                | 0       | 0      | 0     | 21   | 2          | 0       |
| driverlog                            | 0       | 0      | 0     | 16   | 1          | 0       |
| elevators-opt08-strips               | 0       | 0      | 0     | 29   | 0          | 0       |
| elevators-opt11-strips               | 0       | 0      | 0     | 20   | 0          | 0       |
| floortile-opt11-strips               | 0       | 0      | 0     | 16   | 0          | 0       |
| floortile-opt14-strips               | 0       | 0      | 0     | 18   | 0          | 0       |
| freecell                             | 0       | 0      | 0     | 80   | 6          | 0       |
| ged-opt14-strips                     | 0       | 0      | 0     | 17   | 0          | 0       |
| grid                                 | 0       | 0      | 0     | 5    | 2          | 0       |
| gripper                              | 0       | 0      | 0     | 16   | 0          | 0       |
| hiking-opt14-strips                  | 0       | 0      | 0     | 13   | 7          | 0       |
| logistics00                          | 0       | 0      | 0     | 18   | 0          | 0       |
| logistics98                          | 0       | 0      | 0     | 33   | 10         | 0       |
| miconic                              | 0       | 0      | 0     | 0    | 0          | 0       |
| movie                                | 0       | 0      | 0     | 0    | 0          | 0       |
| mprime                               | 0       | 0      | 0     | 35   | 5          | 0       |
| mystery                              | 0       | 0      | 0     | 26   | 3          | 0       |
| nomystery-opt11-strips               | 0       | 0      | 0     | 14   | 0          | 0       |
| openstacks-opt08-strips              | 0       | 0      | 0     | 26   | 0          | 0       |
| openstacks-opt11-strips              | 0       | 0      | 0     | 20   | 0          | 0       |
| openstacks-opt14-strips              | 0       | 0      | 0     | 20   | 0          | 0       |
| openstacks-strips                    | 0       | 0      | 0     | 25   | 10         | 0       |
| organic-synthesis-opt18-strips       | 0       | 0      | 0     | 3    | 3          | 0       |
| organic-synthesis-split-opt18-strips | 0       | 0      | 0     | 20   | 18         | 0       |
| parcprinter-08-strips                | 0       | 0      | 0     | 23   | 1          | 0       |
| parcprinter-opt11-strips             | 0       | 0      | 0     | 17   | 0          | 0       |
| parking-opt11-strips                 | 0       | 0      | 0     | 20   | 8          | 0       |
| parking-opt14-strips                 | 0       | 0      | 0     | 20   | 8          | 0       |
| pathways                             | 0       | 0      | 0     | 30   | 2          | 0       |
| pegsol-08-strips                     | 0       | 0      | 0     | 28   | 0          | 0       |
| pegsol-opt11-strips                  | 0       | 0      | 0     | 20   | 0          | 0       |
| petri-net-alignment-opt18-strips     | 0       | 0      | 0     | 20   | 0          | 0       |
| pipesworld-notankage                 | 0       | 0      | 0     | 48   | 25         | 0       |
| pipesworld-tankage                   | 0       | 0      | 0     | 50   | 30         | 0       |
| psr-small                            | 0       | 0      | 0     | 5    | 0          | 0       |
| rovers                               | 0       | 0      | 0     | 34   | 8          | 0       |

# error-search-unsolvable-incomplete

| error-search-unsolvable-incomplete   | default | marked | naive | psvn | psvn_split | watched |
|--------------------------------------|---------|--------|-------|------|------------|---------|
| agricola-opt18-strips                | 20      | 20     | 20    | 0    | 6          | 20      |
| airport                              | 39      | 39     | 39    | 0    | 10         | 39      |
| barman-opt11-strips                  | 20      | 20     | 20    | 0    | 20         | 20      |
| barman-opt14-strips                  | 14      | 14     | 14    | 0    | 14         | 14      |
| blocks                               | 26      | 26     | 26    | 0    | 29         | 26      |
| childsnack-opt14-strips              | 20      | 20     | 20    | 0    | 14         | 20      |
| data-network-opt18-strips            | 17      | 17     | 17    | 0    | 17         | 17      |
| depot                                | 21      | 21     | 21    | 0    | 19         | 21      |
| driverlog                            | 19      | 19     | 19    | 3    | 18         | 19      |
| elevators-opt08-strips               | 30      | 30     | 30    | 1    | 30         | 30      |
| elevators-opt11-strips               | 20      | 20     | 20    | 0    | 20         | 20      |
| floortile-opt11-strips               | 20      | 20     | 20    | 4    | 20         | 20      |
| floortile-opt14-strips               | 20      | 20     | 20    | 2    | 20         | 20      |
| freecell                             | 74      | 74     | 74    | 0    | 68         | 74      |
| ged-opt14-strips                     | 15      | 15     | 15    | 0    | 13         | 15      |
| grid                                 | 4       | 4      | 4     | 0    | 3          | 4       |
| gripper                              | 18      | 18     | 18    | 2    | 18         | 18      |
| hiking-opt14-strips                  | 18      | 18     | 18    | 5    | 13         | 18      |
| logistics00                          | 26      | 25     | 25    | 8    | 26         | 25      |
| logistics98                          | 35      | 35     | 35    | 2    | 25         | 35      |
| miconic                              | 125     | 125    | 125   | 125  | 130        | 125     |
| movie                                | 0       | 30     | 0     | 0    | 0          | 0       |
| mprime                               | 28      | 29     | 29    | 0    | 24         | 29      |
| mystery                              | 22      | 22     | 22    | 2    | 19         | 21      |
| nomystery-opt11-strips               | 18      | 18     | 18    | 4    | 18         | 18      |
| openstacks-opt08-strips              | 25      | 25     | 25    | 0    | 26         | 25      |
| openstacks-opt11-strips              | 19      | 19     | 19    | 0    | 20         | 19      |
| openstacks-opt14-strips              | 20      | 20     | 20    | 0    | 20         | 20      |
| openstacks-strips                    | 25      | 25     | 25    | 0    | 15         | 25      |
| organic-synthesis-opt18-strips       | 0       | 0      | 0     | 0    | 0          | 0       |
| organic-synthesis-split-opt18-strips | 17      | 17     | 17    | 0    | 2          | 17      |
| parcprinter-08-strips                | 23      | 23     | 23    | 0    | 24         | 23      |
| parcprinter-opt11-strips             | 17      | 17     | 17    | 0    | 18         | 17      |
| parking-opt11-strips                 | 20      | 20     | 20    | 0    | 12         | 20      |
| parking-opt14-strips                 | 20      | 20     | 20    | 0    | 12         | 20      |
| pathways                             | 28      | 28     | 28    | 0    | 26         | 28      |
| pegsol-08-strips                     | 22      | 22     | 22    | 0    | 24         | 22      |
| pegsol-opt11-strips                  | 19      | 19     | 19    | 0    | 20         | 19      |
| petri-net-alignment-opt18-strips     | 20      | 20     | 20    | 0    | 20         | 20      |
| pipesworld-notankage                 | 47      | 47     | 47    | 0    | 22         | 47      |
| pipesworld-tankage                   | 48      | 48     | 48    | 0    | 18         | 48      |
| psr-small                            | 10      | 10     | 10    | 5    | 48         | 9       |
| rovers                               | 36      | 36     | 36    | 2    | 28         | 36      |

**error-segfault**

| error-segfault                       | default | marked | naive | psvn | psvn_split | watched |
|--------------------------------------|---------|--------|-------|------|------------|---------|
| agricola-opt18-strips                | 0       | 0      | 0     | 0    | 0          | 0       |
| airport                              | 0       | 0      | 0     | 0    | 0          | 0       |
| barman-opt11-strips                  | 0       | 0      | 0     | 0    | 0          | 0       |
| barman-opt14-strips                  | 0       | 0      | 0     | 0    | 0          | 0       |
| blocks                               | 0       | 0      | 0     | 0    | 0          | 0       |
| childsnack-opt14-strips              | 0       | 0      | 0     | 0    | 0          | 0       |
| data-network-opt18-strips            | 0       | 0      | 0     | 0    | 0          | 0       |
| depot                                | 0       | 0      | 0     | 0    | 0          | 0       |
| driverlog                            | 0       | 0      | 0     | 0    | 0          | 0       |
| elevators-opt08-strips               | 0       | 0      | 0     | 0    | 0          | 0       |
| elevators-opt11-strips               | 0       | 0      | 0     | 0    | 0          | 0       |
| floortile-opt11-strips               | 0       | 0      | 0     | 0    | 0          | 0       |
| floortile-opt14-strips               | 0       | 0      | 0     | 0    | 0          | 0       |
| freecell                             | 0       | 0      | 0     | 0    | 0          | 0       |
| ged-opt14-strips                     | 0       | 0      | 0     | 0    | 0          | 0       |
| grid                                 | 0       | 0      | 0     | 0    | 0          | 0       |
| gripper                              | 0       | 0      | 0     | 0    | 0          | 0       |
| hiking-opt14-strips                  | 0       | 0      | 0     | 0    | 0          | 0       |
| logistics00                          | 0       | 0      | 0     | 0    | 0          | 0       |
| logistics98                          | 0       | 0      | 0     | 0    | 0          | 0       |
| miconic                              | 0       | 0      | 0     | 0    | 0          | 0       |
| movie                                | 0       | 0      | 0     | 0    | 0          | 30      |
| mprime                               | 0       | 0      | 0     | 0    | 0          | 0       |
| mystery                              | 0       | 0      | 0     | 0    | 0          | 0       |
| nomystery-opt11-strips               | 0       | 0      | 0     | 0    | 0          | 0       |
| openstacks-opt08-strips              | 0       | 0      | 0     | 0    | 0          | 0       |
| openstacks-opt11-strips              | 0       | 0      | 0     | 0    | 0          | 0       |
| openstacks-opt14-strips              | 0       | 0      | 0     | 0    | 0          | 0       |
| openstacks-strips                    | 0       | 0      | 0     | 0    | 0          | 0       |
| organic-synthesis-opt18-strips       | 0       | 1      | 1     | 1    | 2          | 1       |
| organic-synthesis-split-opt18-strips | 0       | 0      | 0     | 0    | 0          | 0       |
| parcprinter-08-strips                | 0       | 0      | 0     | 0    | 0          | 0       |
| parcprinter-opt11-strips             | 0       | 0      | 0     | 0    | 0          | 0       |
| parking-opt11-strips                 | 0       | 0      | 0     | 0    | 0          | 0       |
| parking-opt14-strips                 | 0       | 0      | 0     | 0    | 0          | 0       |
| pathways                             | 0       | 0      | 0     | 0    | 0          | 0       |
| pegsol-08-strips                     | 0       | 0      | 0     | 0    | 0          | 0       |
| pegsol-opt11-strips                  | 0       | 0      | 0     | 0    | 0          | 0       |
| petri-net-alignment-opt18-strips     | 0       | 0      | 0     | 0    | 0          | 0       |
| pipesworld-notankage                 | 0       | 0      | 0     | 2    | 0          | 0       |
| pipesworld-tankage                   | 0       | 0      | 0     | 0    | 0          | 0       |
| psr-small                            | 0       | 0      | 0     | 0    | 0          | 0       |
| rovers                               | 0       | 0      | 0     | 0    | 0          | 197     |

**error-success**

| error-success                        | default | marked | naive | psvn | psvn_split | watched |
|--------------------------------------|---------|--------|-------|------|------------|---------|
| agricola-opt18-strips                | 0       | 0      | 0     | 0    | 0          | 0       |
| airport                              | 11      | 11     | 11    | 9    | 7          | 11      |
| barman-opt11-strips                  | 0       | 0      | 0     | 0    | 0          | 0       |
| barman-opt14-strips                  | 0       | 0      | 0     | 0    | 0          | 0       |
| blocks                               | 9       | 9      | 9     | 6    | 6          | 9       |
| childsnaack-opt14-strips             | 0       | 0      | 0     | 0    | 0          | 0       |
| data-network-opt18-strips            | 3       | 3      | 3     | 0    | 3          | 3       |
| depot                                | 1       | 1      | 1     | 1    | 1          | 1       |
| driverlog                            | 1       | 1      | 1     | 1    | 1          | 1       |
| elevators-opt08-strips               | 0       | 0      | 0     | 0    | 0          | 0       |
| elevators-opt11-strips               | 0       | 0      | 0     | 0    | 0          | 0       |
| floortile-opt11-strips               | 0       | 0      | 0     | 0    | 0          | 0       |
| floortile-opt14-strips               | 0       | 0      | 0     | 0    | 0          | 0       |
| freecell                             | 6       | 6      | 6     | 0    | 6          | 6       |
| ged-opt14-strips                     | 5       | 5      | 5     | 3    | 7          | 5       |
| grid                                 | 1       | 1      | 1     | 0    | 0          | 1       |
| gripper                              | 2       | 2      | 2     | 2    | 2          | 2       |
| hiking-opt14-strips                  | 2       | 2      | 2     | 2    | 0          | 2       |
| logistics00                          | 2       | 3      | 3     | 2    | 2          | 3       |
| logistics98                          | 0       | 0      | 0     | 0    | 0          | 0       |
| miconic                              | 25      | 25     | 25    | 25   | 20         | 25      |
| movie                                | 30      | 0      | 30    | 0    | 0          | 0       |
| mprime                               | 7       | 6      | 6     | 0    | 6          | 6       |
| mystery                              | 8       | 8      | 8     | 2    | 8          | 9       |
| nomystery-opt11-strips               | 2       | 2      | 2     | 2    | 2          | 2       |
| openstacks-opt08-strips              | 5       | 5      | 5     | 4    | 4          | 5       |
| openstacks-opt11-strips              | 1       | 1      | 1     | 0    | 0          | 1       |
| openstacks-opt14-strips              | 0       | 0      | 0     | 0    | 0          | 0       |
| openstacks-strips                    | 5       | 5      | 5     | 5    | 5          | 5       |
| organic-synthesis-opt18-strips       | 7       | 7      | 7     | 4    | 4          | 7       |
| organic-synthesis-split-opt18-strips | 3       | 3      | 3     | 0    | 0          | 3       |
| parcprinter-08-strips                | 7       | 7      | 7     | 7    | 5          | 7       |
| parcprinter-opt11-strips             | 3       | 3      | 3     | 3    | 2          | 3       |
| parking-opt11-strips                 | 0       | 0      | 0     | 0    | 0          | 0       |
| parking-opt14-strips                 | 0       | 0      | 0     | 0    | 0          | 0       |
| pathways                             | 2       | 2      | 2     | 0    | 2          | 2       |
| pegsol-08-strips                     | 8       | 8      | 8     | 2    | 6          | 8       |
| pegsol-opt11-strips                  | 1       | 1      | 1     | 0    | 0          | 1       |
| petri-net-alignment-opt18-strips     | 0       | 0      | 0     | 0    | 0          | 0       |
| pipesworld-notankage                 | 3       | 3      | 3     | 0    | 3          | 3       |
| pipesworld-tankage                   | 2       | 2      | 2     | 0    | 2          | 2       |
| psr-small                            | 40      | 40     | 40    | 40   | 2          | 41      |
| rovers                               | 4       | 4      | 4     | 4    | 4          | 4       |
| satellite                            | 2       | 2      | 2     | 2    | 2          | 2       |

## error-translate-out-of-memory

| error-translate-out-of-memory        | default | marked | naive | psvn | psvn_split | watched |
|--------------------------------------|---------|--------|-------|------|------------|---------|
| agricola-opt18-strips                | 0       | 0      | 0     | 0    | 0          | 0       |
| airport                              | 0       | 0      | 0     | 0    | 0          | 0       |
| barman-opt11-strips                  | 0       | 0      | 0     | 0    | 0          | 0       |
| barman-opt14-strips                  | 0       | 0      | 0     | 0    | 0          | 0       |
| blocks                               | 0       | 0      | 0     | 0    | 0          | 0       |
| childsnaack-opt14-strips             | 0       | 0      | 0     | 0    | 0          | 0       |
| data-network-opt18-strips            | 0       | 0      | 0     | 0    | 0          | 0       |
| depot                                | 0       | 0      | 0     | 0    | 0          | 0       |
| driverlog                            | 0       | 0      | 0     | 0    | 0          | 0       |
| elevators-opt08-strips               | 0       | 0      | 0     | 0    | 0          | 0       |
| elevators-opt11-strips               | 0       | 0      | 0     | 0    | 0          | 0       |
| floortile-opt11-strips               | 0       | 0      | 0     | 0    | 0          | 0       |
| floortile-opt14-strips               | 0       | 0      | 0     | 0    | 0          | 0       |
| freecell                             | 0       | 0      | 0     | 0    | 0          | 0       |
| ged-opt14-strips                     | 0       | 0      | 0     | 0    | 0          | 0       |
| grid                                 | 0       | 0      | 0     | 0    | 0          | 0       |
| gripper                              | 0       | 0      | 0     | 0    | 0          | 0       |
| hiking-opt14-strips                  | 0       | 0      | 0     | 0    | 0          | 0       |
| logistics00                          | 0       | 0      | 0     | 0    | 0          | 0       |
| logistics98                          | 0       | 0      | 0     | 0    | 0          | 0       |
| miconic                              | 0       | 0      | 0     | 0    | 0          | 0       |
| movie                                | 0       | 0      | 0     | 0    | 0          | 0       |
| mprime                               | 0       | 0      | 0     | 0    | 0          | 0       |
| mystery                              | 0       | 0      | 0     | 0    | 0          | 0       |
| nomystery-opt11-strips               | 0       | 0      | 0     | 0    | 0          | 0       |
| openstacks-opt08-strips              | 0       | 0      | 0     | 0    | 0          | 0       |
| openstacks-opt11-strips              | 0       | 0      | 0     | 0    | 0          | 0       |
| openstacks-opt14-strips              | 0       | 0      | 0     | 0    | 0          | 0       |
| openstacks-strips                    | 0       | 0      | 0     | 0    | 0          | 0       |
| organic-synthesis-opt18-strips       | 13      | 12     | 12    | 12   | 11         | 12      |
| organic-synthesis-split-opt18-strips | 0       | 0      | 0     | 0    | 0          | 0       |
| parcprinter-08-strips                | 0       | 0      | 0     | 0    | 0          | 0       |
| parcprinter-opt11-strips             | 0       | 0      | 0     | 0    | 0          | 0       |
| parking-opt11-strips                 | 0       | 0      | 0     | 0    | 0          | 0       |
| parking-opt14-strips                 | 0       | 0      | 0     | 0    | 0          | 0       |
| pathways                             | 0       | 0      | 0     | 0    | 0          | 0       |
| pegsol-08-strips                     | 0       | 0      | 0     | 0    | 0          | 0       |
| pegsol-opt11-strips                  | 0       | 0      | 0     | 0    | 0          | 0       |
| petri-net-alignment-opt18-strips     | 0       | 0      | 0     | 0    | 0          | 0       |
| pipesworld-notankage                 | 0       | 0      | 0     | 0    | 0          | 0       |
| pipesworld-tankage                   | 0       | 0      | 0     | 0    | 0          | 0       |
| psr-small                            | 0       | 0      | 0     | 0    | 0          | 0       |
| rovers                               | 0       | 0      | 0     | 0    | 0          | 0       |

[illegible]



airport

[illegible]

## barman-opt11-strips

[illegible]

## barman-opt14-strips

[illegible]

blocks

[illegible]

## chidsnack-opt14-strips

[illegible]

## data-network-opt18-strips

[illegible]

[illegible]

[illegible]

[illegible]



## elevators-opt11-strips

[illegible]

[illegible]

## floortile-opt14-strips

[illegible]

## freecell

[illegible]

ged-opt14-strips

[illegible]

grid

| Error       | default                      | marked                       | naive                        | psvn                 | psvn_split                   |                    |
|-------------|------------------------------|------------------------------|------------------------------|----------------------|------------------------------|--------------------|
| prob01.pddl | success                      | success                      | success                      | search-out-of-memory | search-unsolvable-incomplete | success            |
| prob02.pddl | search-unsolvable-incomplete | search-unsolvable-incomplete | search-unsolvable-incomplete | search-out-of-memory | search-unsolvable-incomplete | search-unsolvable- |
| prob03.pddl | search-unsolvable-incomplete | search-unsolvable-incomplete | search-unsolvable-incomplete | search-out-of-memory | search-out-of-memory         | search-unsolvable- |
| prob04.pddl | search-unsolvable-incomplete | search-unsolvable-incomplete | search-unsolvable-incomplete | search-out-of-memory | search-out-of-memory         | search-unsolvable- |
| prob05.pddl | search-unsolvable-incomplete | search-unsolvable-incomplete | search-unsolvable-incomplete | search-out-of-memory | search-unsolvable-incomplete | search-unsolvable- |

## gripper

[illegible]

[illegible]

[illegible]



## logistics98

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

## nomystery-opt11-strips

[illegible]

[illegible]

[illegible]



[illegible]

[illegible]

# organic-synthesis-opt18-strips

| Error    | default                 | marked                  | naive                   | psvn                    | psvn_split              | watched                 |
|----------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| p01.pddl | success                 | success                 | success                 | success                 | success                 | success                 |
| p02.pddl | success                 | success                 | success                 | success                 | success                 | success                 |
| p03.pddl | success                 | success                 | success                 | success                 | success                 | success                 |
| p04.pddl | translate-out-of-memory | translate-out-of-memory | translate-out-of-memory | translate-out-of-memory | translate-out-of-memory | translate-out-of-memory |
| p05.pddl | translate-out-of-memory | translate-out-of-memory | translate-out-of-memory | translate-out-of-memory | translate-out-of-memory | translate-out-of-memory |
| p06.pddl | translate-out-of-memory | translate-out-of-memory | translate-out-of-memory | translate-out-of-memory | translate-out-of-memory | translate-out-of-memory |
| p07.pddl | success                 | success                 | success                 | success                 | success                 | success                 |
| p08.pddl | translate-out-of-memory | translate-out-of-memory | translate-out-of-memory | translate-out-of-memory | translate-out-of-memory | translate-out-of-memory |
| p09.pddl | success                 | success                 | success                 | search-out-of-memory    | search-out-of-memory    | success                 |
| p10.pddl | success                 | success                 | success                 | search-out-of-memory    | search-out-of-memory    | success                 |
| p11.pddl | translate-out-of-memory | segfault                | translate-out-of-memory | segfault                | segfault                | segfault                |
| p12.pddl | translate-out-of-memory | translate-out-of-memory | segfault                | translate-out-of-memory | segfault                | translate-out-of-memory |
| p13.pddl | translate-out-of-memory | translate-out-of-memory | translate-out-of-memory | translate-out-of-memory | translate-out-of-memory | translate-out-of-memory |
| p14.pddl | success                 | success                 | success                 | search-out-of-memory    | search-out-of-memory    | success                 |
| p15.pddl | translate-out-of-memory | translate-out-of-memory | translate-out-of-memory | translate-out-of-memory | translate-out-of-memory | translate-out-of-memory |
| p16.pddl | translate-out-of-memory | translate-out-of-memory | translate-out-of-memory | translate-out-of-memory | translate-out-of-memory | translate-out-of-memory |
| p17.pddl | translate-out-of-memory | translate-out-of-memory | translate-out-of-memory | translate-out-of-memory | translate-out-of-memory | translate-out-of-memory |
| p18.pddl | translate-out-of-memory | translate-out-of-memory | translate-out-of-memory | translate-out-of-memory | translate-out-of-memory | translate-out-of-memory |
| p19.pddl | translate-out-of-memory | translate-out-of-memory | translate-out-of-memory | translate-out-of-memory | translate-out-of-memory | translate-out-of-memory |
| p20.pddl | translate-out-of-memory | translate-out-of-memory | translate-out-of-memory | translate-out-of-memory | translate-out-of-memory | translate-out-of-memory |

## organic-synthesis-split-opt18-strips

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]



[illegible]

[illegible]

[illegible]

## petri-net-alignment-opt18-strips

[illegible]

pipesworld-notankage

[illegible]

[illegible][illegible]

# psr-small

| Error                  | default                      |                              | marked                       | naive                        | psvn                         | psvn_split                   |
|------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| p01-s2-n1-l2-f50.pddl  | success                      | success                      | success                      | success                      |                              | search-unsolvable-incomplete |
| p02-s5-n1-l3-f30.pddl  | success                      | success                      | success                      | success                      |                              | search-unsolvable-incomplete |
| p03-s7-n1-l3-f70.pddl  | success                      | success                      | success                      | success                      |                              | search-unsolvable-incomplete |
| p04-s8-n1-l4-f10.pddl  | success                      | success                      | success                      | success                      |                              | search-unsolvable-incomplete |
| p05-s9-n1-l4-f30.pddl  | success                      | success                      | success                      | success                      |                              | search-unsolvable-incomplete |
| p06-s10-n1-l4-f50.pddl | success                      | success                      | success                      | success                      |                              | search-unsolvable-incomplete |
| p07-s11-n1-l4-f70.pddl | success                      | success                      | success                      | success                      |                              | search-unsolvable-incomplete |
| p08-s12-n1-l5-f10.pddl | success                      | success                      | success                      | success                      |                              | search-unsolvable-incomplete |
| p09-s13-n1-l5-f30.pddl | success                      | success                      | success                      | success                      |                              | search-unsolvable-incomplete |
| p10-s17-n2-l2-f30.pddl | success                      | success                      | success                      | success                      |                              | search-unsolvable-incomplete |
| p11-s18-n2-l2-f50.pddl | success                      | success                      | success                      | success                      |                              | search-unsolvable-incomplete |
| p12-s21-n2-l3-f30.pddl | success                      | success                      | success                      | success                      |                              | search-unsolvable-incomplete |
| p13-s22-n2-l3-f50.pddl | success                      | success                      | success                      | success                      |                              | search-unsolvable-incomplete |
| p14-s23-n2-l3-f70.pddl | success                      | success                      | success                      | success                      |                              | search-unsolvable-incomplete |
| p15-s24-n2-l4-f10.pddl | success                      | success                      | success                      | success                      |                              | success                      |
| p16-s29-n2-l5-f30.pddl | success                      | success                      | success                      | success                      |                              | search-unsolvable-incomplete |
| p17-s30-n2-l5-f50.pddl | success                      | success                      | success                      | success                      |                              | search-unsolvable-incomplete |
| p18-s31-n2-l5-f70.pddl | success                      | success                      | success                      | success                      |                              | search-unsolvable-incomplete |
| p19-s33-n3-l2-f30.pddl | success                      | success                      | success                      | success                      |                              | search-unsolvable-incomplete |
| p20-s34-n3-l2-f50.pddl | success                      | success                      | success                      | success                      |                              | search-unsolvable-incomplete |
| p21-s35-n3-l2-f70.pddl | success                      | success                      | success                      | success                      |                              | search-unsolvable-incomplete |
| p22-s37-n3-l3-f30.pddl | search-unsolvable-incomplete | search-unsolvable-incomplete | search-unsolvable-incomplete | search-unsolvable-incomplete | search-unsolvable-incomplete | search-unsolvable-incomplete |
| p23-s38-n3-l3-f50.pddl | success                      | success                      | success                      | success                      |                              | search-unsolvable-incomplete |
| p24-s39-n3-l3-f70.pddl | success                      | success                      | success                      | success                      |                              | search-unsolvable-incomplete |
| p25-s40-n3-l4-f10.pddl | search-unsolvable-incomplete | search-unsolvable-incomplete | search-unsolvable-incomplete | search-unsolvable-incomplete | search-unsolvable-incomplete | success                      |
| p26-s41-n3-l4-f30.pddl | success                      | success                      | success                      | success                      |                              | search-unsolvable-incomplete |
| p27-s42-n3-l4-f50.pddl | success                      | success                      | success                      | success                      |                              | search-unsolvable-incomplete |
| p28-s43-n3-l4-f70.pddl | success                      | success                      | success                      | success                      |                              | search-unsolvable-incomplete |
| p29-s45-n3-l5-f30.pddl | search-unsolvable-incomplete | search-unsolvable-incomplete | search-unsolvable-incomplete | search-unsolvable-incomplete | search-unsolvable-incomplete | search-unsolvable-incomplete |
| p30-s46-n3-l5-f50.pddl | success                      | success                      | success                      | success                      |                              | search-unsolvable-incomplete |
| p31-s49-n4-l2-f30.pddl | search-unsolvable-incomplete | search-unsolvable-incomplete | search-unsolvable-incomplete | search-unsolvable-incomplete | search-unsolvable-incomplete | search-unsolvable-incomplete |
| p32-s50-n4-l2-f50.pddl | success                      | success                      | success                      | success                      |                              | search-unsolvable-incomplete |
| p33-s51-n4-l2-f70.pddl | success                      | success                      | success                      | success                      |                              | search-unsolvable-incomplete |
| p34-s55-n4-l3-f70.pddl | success                      | success                      | success                      | success                      |                              | search-unsolvable-incomplete |
| p35-s57-n5-l2-f30.pddl | search-unsolvable-incomplete | search-unsolvable-incomplete | search-unsolvable-incomplete | search-out-of-memory         |                              | search-unsolvable-incomplete |
| p36-s65-n6-l2-f30.pddl | search-unsolvable-incomplete | search-unsolvable-incomplete | search-unsolvable-incomplete | search-out-of-memory         |                              | search-unsolvable-incomplete |
| p37-s67-n6-l2-f70.pddl | success                      | success                      | success                      | success                      |                              | search-unsolvable-incomplete |
| p38-s78-n3-l3-f50.pddl | success                      | success                      | success                      | success                      |                              | search-unsolvable-incomplete |
| p39-s79-n3-l3-f70.pddl | success                      | success                      | success                      | success                      |                              | search-unsolvable-incomplete |
| p40-s80-n3-l4-f10.pddl | search-unsolvable-incomplete | search-unsolvable-incomplete | search-unsolvable-incomplete | search-out-of-memory         |                              | search-unsolvable-incomplete |
| p41-s81-n3-l4-f30.pddl | success                      | success                      | success                      | success                      |                              | search-unsolvable-incomplete |
| p42-s82-n3-l4-f50.pddl | success                      | success                      | success                      | success                      |                              | search-unsolvable-incomplete |
| p43-s83-n3-l4-f70.pddl | success                      | success                      | success                      | success                      |                              | search-unsolvable-incomplete |

## rovers

[illegible]



[illegible]

[illegible]

## scanalyzer-opt11-strips

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]



[illegible]

[illegible]

[illegible]

[illegible]

## tpp

[illegible]

[illegible]

[illegible]

## transport-opt14-strips

[illegible]



[illegible]

[illegible]

## visitall-opt14-strips

[illegible]

woodworking-opt08-strips

[illegible]

woodworking-opt11-strips

[illegible]

[illegible]

## expansions

| Expansions                         | default         | marked          | naive           | psvn            | psvn_split      | watched         |
|------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| airport (9)                        | 57.50           | 57.98           | 57.98           | 58.73           | <b>49.65</b>    | 57.72           |
| blocks (6)                         | <b>187.64</b>   | 206.27          | 206.27          | 212.83          | 212.83          | 192.44          |
| depot (1)                          | 400.00          | 400.00          | 400.00          | 400.00          | <b>380.00</b>   | 397.00          |
| driverlog (4)                      | 3712.97         | 3647.76         | 3647.76         | 3712.97         | <b>2771.70</b>  | 3708.07         |
| elevators-opt08-strips (1)         | <b>10001.00</b> | <b>10001.00</b> | <b>10001.00</b> | <b>10001.00</b> | <b>10001.00</b> | <b>10001.00</b> |
| floortile-opt11-strips (4)         | <b>10001.00</b> | <b>10001.00</b> | <b>10001.00</b> | <b>10001.00</b> | <b>10001.00</b> | <b>10001.00</b> |
| floortile-opt14-strips (2)         | <b>10001.00</b> | <b>10001.00</b> | <b>10001.00</b> | <b>10001.00</b> | <b>10001.00</b> | <b>10001.00</b> |
| ged-opt14-strips (3)               | 25.00           | 25.00           | 25.00           | 25.00           | 25.00           | <b>23.00</b>    |
| gripper (4)                        | 2572.13         | 2572.13         | 2572.13         | 2572.13         | <b>834.86</b>   | 2569.09         |
| hiking-opt14-strips (7)            | <b>5489.77</b>  | 5520.13         | 5520.13         | 5503.07         | 6105.42         | 5512.64         |
| logistics00 (10)                   | 7373.76         | 7285.01         | 7285.01         | <b>7238.07</b>  | <b>7238.07</b>  | 7279.44         |
| logistics98 (2)                    | <b>10001.00</b> | <b>10001.00</b> | <b>10001.00</b> | <b>10001.00</b> | <b>10001.00</b> | <b>10001.00</b> |
| miconic (150)                      | 5164.53         | 5159.80         | 5159.80         | 5164.53         | <b>4918.19</b>  | 5170.43         |
| mystery (4)                        | <b>0.00</b>     | <b>0.00</b>     | <b>0.00</b>     | <b>0.00</b>     | <b>0.00</b>     | <b>0.00</b>     |
| nomystery-opt11-strips (6)         | 5588.34         | 5588.34         | 5588.34         | <b>5435.63</b>  | <b>5435.63</b>  | 5578.71         |
| openstacks-opt08-strips (4)        | <b>1228.96</b>  | <b>1228.96</b>  | <b>1228.96</b>  | <b>1228.96</b>  | <b>1228.96</b>  | <b>1228.96</b>  |
| openstacks-strips (5)              | <b>4910.69</b>  | 4950.74         | 4950.74         | 4950.74         | 4950.74         | <b>4910.69</b>  |
| organic-synthesis-opt18-strips (4) | <b>2.45</b>     | <b>2.45</b>     | <b>2.45</b>     | <b>2.45</b>     | <b>2.45</b>     | 2.63            |
| parcprinter-08-strips (7)          | <b>413.33</b>   | 413.42          | 413.42          | 413.54          | 477.79          | 413.58          |
| parcprinter-opt11-strips (3)       | <b>2955.64</b>  | 2956.46         | 2956.46         | 2956.29         | 4129.04         | 2957.12         |
| pegsol-08-strips (2)               | <b>61.72</b>    | <b>61.72</b>    | <b>61.72</b>    | <b>61.72</b>    | <b>61.72</b>    | <b>61.72</b>    |
| psr-small (45)                     | 382.32          | 413.77          | 413.77          | 408.96          | <b>19.16</b>    | 402.72          |
| rovers (6)                         | <b>2137.11</b>  | 2154.13         | 2154.13         | 2158.62         | 2156.01         | 2254.33         |
| satellite (5)                      | 2775.97         | 2775.97         | 2775.97         | 2680.02         | <b>2679.68</b>  | 2701.07         |
| scanalyzer-08-strips (6)           | <b>734.88</b>   | <b>734.88</b>   | <b>734.88</b>   | <b>734.88</b>   | <b>734.88</b>   | <b>734.88</b>   |
| scanalyzer-opt11-strips (3)        | <b>1754.53</b>  | <b>1754.53</b>  | <b>1754.53</b>  | <b>1754.53</b>  | <b>1754.53</b>  | <b>1754.53</b>  |
| sokoban-opt08-strips (3)           | 1403.91         | 1403.91         | 1403.91         | 1403.57         | <b>412.98</b>   | 1403.91         |
| storage (7)                        | 39.78           | 39.03           | 39.03           | 48.09           | 37.30           | <b>37.28</b>    |
| termes-opt18-strips (6)            | <b>10001.00</b> | <b>10001.00</b> | <b>10001.00</b> | <b>10001.00</b> | <b>10001.00</b> | <b>10001.00</b> |
| tpp (5)                            | 162.13          | 162.13          | 162.13          | 162.13          | <b>139.64</b>   | 161.04          |
| transport-opt08-strips (6)         | 777.12          | 777.18          | 777.18          | 777.12          | <b>767.80</b>   | 782.70          |
| transport-opt11-strips (1)         | <b>10001.00</b> | <b>10001.00</b> | <b>10001.00</b> | <b>10001.00</b> | <b>10001.00</b> | <b>10001.00</b> |
| transport-opt14-strips (1)         | <b>10001.00</b> | <b>10001.00</b> | <b>10001.00</b> | <b>10001.00</b> | <b>10001.00</b> | <b>10001.00</b> |
| trucks-strips (3)                  | 7886.41         | 7873.52         | 7873.52         | 7874.06         | 7873.52         | <b>7824.27</b>  |
| visitall-opt11-strips (20)         | 2547.31         | 2547.31         | 2547.31         | 2547.31         | 2596.61         | <b>2504.80</b>  |
| visitall-opt14-strips (20)         | <b>10001.00</b> | <b>10001.00</b> | <b>10001.00</b> | <b>10001.00</b> | <b>10001.00</b> | <b>10001.00</b> |
| woodworking-opt08-strips (2)       | <b>1050.79</b>  | <b>1050.79</b>  | <b>1050.79</b>  | <b>1050.79</b>  | 1137.35         | <b>1050.79</b>  |
| zenotravel (7)                     | 1247.99         | <b>1076.49</b>  | <b>1076.49</b>  | 1189.25         | 1189.25         | 1212.26         |
| <b>Geometric mean (384)</b>        | <b>0.00</b>     | <b>0.00</b>     | <b>0.00</b>     | <b>0.00</b>     | <b>0.00</b>     | <b>0.00</b>     |

Only instances where all algorithms have a value for "expansions" are considered. Each table entry gives the geometric mean of "expansions" for that domain. The last row reports the geometric mean across all domains.

### agricola-opt18-strips

| Expansions | default      | marked       | naive        | psvn | psvn_split   | watched      |
|------------|--------------|--------------|--------------|------|--------------|--------------|
| p01.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p02.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p03.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p04.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p05.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p06.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p07.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p08.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p09.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p10.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p11.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p12.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p13.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p14.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p15.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p16.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p17.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p18.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p19.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p20.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |



## airport

| Expansions                   | default      | marked       | naive        | psvn      | psvn_split   | watched      |
|------------------------------|--------------|--------------|--------------|-----------|--------------|--------------|
| p01-airport1-p1.pddl         | <b>10</b>    | <b>10</b>    | <b>10</b>    | 11        | 11           | <b>10</b>    |
| p02-airport1-p1.pddl         | <b>16</b>    | <b>16</b>    | <b>16</b>    | <b>16</b> | <b>16</b>    | <b>16</b>    |
| p03-airport1-p2.pddl         | <b>168</b>   | 173          | 173          | 170       | 170          | <b>168</b>   |
| p04-airport2-p1.pddl         | <b>22</b>    | <b>22</b>    | <b>22</b>    | 23        | 23           | <b>22</b>    |
| p05-airport2-p1.pddl         | <b>31</b>    | <b>31</b>    | <b>31</b>    | <b>31</b> | <b>31</b>    | <b>31</b>    |
| p06-airport2-p2.pddl         | 752          | 752          | 752          | 756       | <b>335</b>   | 752          |
| p07-airport2-p2.pddl         | 765          | 765          | 765          | 756       | <b>376</b>   | 756          |
| p08-airport2-p3.pddl         | <b>10001</b> | <b>10001</b> | <b>10001</b> | None      | None         | <b>10001</b> |
| p09-airport2-p4.pddl         | 10001        | 10001        | 10001        | None      | <b>12</b>    | 10001        |
| p10-airport3-p1.pddl         | <b>21</b>    | 22           | 22           | 22        | 22           | 22           |
| p11-airport3-p1.pddl         | <b>31</b>    | <b>31</b>    | <b>31</b>    | <b>31</b> | <b>31</b>    | <b>31</b>    |
| p12-airport3-p2.pddl         | 893          | 895          | 895          | None      | <b>60</b>    | 893          |
| p13-airport3-p2.pddl         | 850          | 851          | 851          | None      | <b>95</b>    | 844          |
| p14-airport3-p3.pddl         | 10001        | 10001        | 10001        | None      | <b>6</b>     | 10001        |
| p15-airport3-p3.pddl         | 10001        | 10001        | 10001        | None      | <b>168</b>   | 10001        |
| p16-airport3-p4.pddl         | <b>10001</b> | <b>10001</b> | <b>10001</b> | None      | None         | <b>10001</b> |
| p17-airport3-p5.pddl         | 10001        | 10001        | 10001        | None      | <b>216</b>   | 10001        |
| p18-airport3-p6.pddl         | <b>10001</b> | <b>10001</b> | <b>10001</b> | None      | <b>10001</b> | <b>10001</b> |
| p19-airport3-p6.pddl         | <b>10001</b> | <b>10001</b> | <b>10001</b> | None      | None         | <b>10001</b> |
| p20-airport3-p7.pddl         | <b>10001</b> | <b>10001</b> | <b>10001</b> | None      | None         | <b>10001</b> |
| p21-airport4halfMUC-p2.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | None      | None         | <b>10001</b> |
| p22-airport4halfMUC-p3.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | None      | None         | <b>10001</b> |
| p23-airport4halfMUC-p4.pddl  | 10001        | 10001        | 10001        | None      | <b>40</b>    | 10001        |
| p24-airport4halfMUC-p4.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | None      | None         | <b>10001</b> |
| p25-airport4halfMUC-p5.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | None      | None         | <b>10001</b> |
| p26-airport4halfMUC-p6.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | None      | None         | <b>10001</b> |
| p27-airport4halfMUC-p6.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | None      | None         | <b>10001</b> |
| p28-airport4halfMUC-p7.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | None      | None         | <b>10001</b> |
| p29-airport4halfMUC-p8.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | None      | None         | <b>10001</b> |
| p30-airport4halfMUC-p8.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | None      | None         | <b>10001</b> |
| p31-airport4halfMUC-p9.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | None      | None         | <b>10001</b> |
| p32-airport4halfMUC-p10.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None      | None         | <b>10001</b> |
| p33-airport4halfMUC-p10.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None      | None         | <b>10001</b> |
| p34-airport4halfMUC-p11.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None      | None         | <b>10001</b> |
| p35-airport4halfMUC-p12.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None      | None         | <b>10001</b> |
| p36-airport5MUC-p2.pddl      | <b>10001</b> | <b>10001</b> | <b>10001</b> | None      | None         | <b>10001</b> |
| p37-airport5MUC-p3.pddl      | <b>10001</b> | <b>10001</b> | <b>10001</b> | None      | None         | <b>10001</b> |
| p38-airport5MUC-p3.pddl      | <b>10001</b> | <b>10001</b> | <b>10001</b> | None      | None         | <b>10001</b> |
| p39-airport5MUC-p4.pddl      | <b>10001</b> | <b>10001</b> | <b>10001</b> | None      | None         | <b>10001</b> |
| p40-airport5MUC-p4.pddl      | <b>10001</b> | <b>10001</b> | <b>10001</b> | None      | None         | <b>10001</b> |
| p41-airport5MUC-p4.pddl      | <b>10001</b> | <b>10001</b> | <b>10001</b> | None      | None         | <b>10001</b> |
| p42-airport5MUC-p5.pddl      | <b>10001</b> | <b>10001</b> | <b>10001</b> | None      | None         | <b>10001</b> |
| p43-airport5MUC-p5.pddl      | <b>10001</b> | <b>10001</b> | <b>10001</b> | None      | None         | <b>10001</b> |

**barman-opt11-strips**

| Expansions       | default      | marked       | naive        | psvn | psvn_split   | watched      |
|------------------|--------------|--------------|--------------|------|--------------|--------------|
| pfile01-001.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| pfile01-002.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| pfile01-003.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| pfile01-004.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| pfile02-005.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| pfile02-006.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| pfile02-007.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| pfile02-008.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| pfile03-009.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| pfile03-010.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| pfile03-011.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| pfile03-012.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| pfile04-013.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| pfile04-014.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| pfile04-015.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| pfile04-016.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| pfile05-017.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| pfile05-018.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| pfile05-019.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| pfile05-020.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |

**barman-opt14-strips**

| Expansions  | default      | marked       | naive        | psvn | psvn_split   | watched      |
|-------------|--------------|--------------|--------------|------|--------------|--------------|
| p435-1.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p435-2.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p435-3.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p536-1.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p536-2.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p536-3.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p638-1.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p638-2.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p638-3.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p739-1.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p739-2.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p739-3.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p839-1.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p839-2.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |

## blocks

| Expansions           | default      | marked       | naive        | psvn | psvn_split   | watched      |
|----------------------|--------------|--------------|--------------|------|--------------|--------------|
| probBLOCKS-4-0.pddl  | <b>85</b>    | <b>85</b>    | <b>85</b>    | 96   | 96           | 89           |
| probBLOCKS-4-1.pddl  | <b>58</b>    | 66           | 66           | 68   | 68           | <b>58</b>    |
| probBLOCKS-4-2.pddl  | <b>52</b>    | 66           | 66           | 61   | 61           | 56           |
| probBLOCKS-5-0.pddl  | <b>467</b>   | 468          | 468          | 574  | 574          | 514          |
| probBLOCKS-5-1.pddl  | 490          | 564          | 564          | 545  | 545          | <b>454</b>   |
| probBLOCKS-5-2.pddl  | <b>744</b>   | 788          | 788          | 746  | 746          | 753          |
| probBLOCKS-6-0.pddl  | 1794         | 1978         | 1978         | None | <b>44</b>    | 1551         |
| probBLOCKS-6-1.pddl  | <b>3976</b>  | 4876         | 4876         | None | 4962         | 4264         |
| probBLOCKS-6-2.pddl  | 6526         | 6528         | 6528         | None | <b>1</b>     | 6537         |
| probBLOCKS-7-0.pddl  | 10001        | 10001        | 10001        | None | <b>2</b>     | 10001        |
| probBLOCKS-7-1.pddl  | 10001        | 10001        | 10001        | None | <b>1211</b>  | 10001        |
| probBLOCKS-7-2.pddl  | 10001        | 10001        | 10001        | None | <b>1211</b>  | 10001        |
| probBLOCKS-8-0.pddl  | 10001        | 10001        | 10001        | None | <b>1194</b>  | 10001        |
| probBLOCKS-8-1.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| probBLOCKS-8-2.pddl  | 10001        | 10001        | 10001        | None | <b>260</b>   | 10001        |
| probBLOCKS-9-0.pddl  | 10001        | 10001        | 10001        | None | <b>3</b>     | 10001        |
| probBLOCKS-9-1.pddl  | 10001        | 10001        | 10001        | None | <b>2</b>     | 10001        |
| probBLOCKS-9-2.pddl  | 10001        | 10001        | 10001        | None | <b>5238</b>  | 10001        |
| probBLOCKS-10-0.pddl | 10001        | 10001        | 10001        | None | <b>15</b>    | 10001        |
| probBLOCKS-10-1.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| probBLOCKS-10-2.pddl | 10001        | 10001        | 10001        | None | <b>3</b>     | 10001        |
| probBLOCKS-11-0.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| probBLOCKS-11-1.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| probBLOCKS-11-2.pddl | 10001        | 10001        | 10001        | None | <b>515</b>   | 10001        |
| probBLOCKS-12-0.pddl | 10001        | 10001        | 10001        | None | <b>4</b>     | 10001        |
| probBLOCKS-12-1.pddl | 10001        | 10001        | 10001        | None | <b>1</b>     | 10001        |
| probBLOCKS-13-0.pddl | 10001        | 10001        | 10001        | None | <b>18</b>    | 10001        |
| probBLOCKS-13-1.pddl | 10001        | 10001        | 10001        | None | <b>2</b>     | 10001        |
| probBLOCKS-14-0.pddl | 10001        | 10001        | 10001        | None | <b>1063</b>  | 10001        |
| probBLOCKS-14-1.pddl | 10001        | 10001        | 10001        | None | <b>3544</b>  | 10001        |
| probBLOCKS-15-0.pddl | 10001        | 10001        | 10001        | None | <b>3325</b>  | 10001        |
| probBLOCKS-15-1.pddl | 10001        | 10001        | 10001        | None | <b>31</b>    | 10001        |
| probBLOCKS-16-1.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| probBLOCKS-16-2.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| probBLOCKS-17-0.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |

# childsnoack-opt14-strips

| Expansions                  | default      | marked       | naive        | psvn | psvn_split   | watched      |
|-----------------------------|--------------|--------------|--------------|------|--------------|--------------|
| child-snoack_pfile01-2.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| child-snoack_pfile01.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| child-snoack_pfile02-2.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| child-snoack_pfile02.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| child-snoack_pfile03-2.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| child-snoack_pfile03.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| child-snoack_pfile04-2.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| child-snoack_pfile04.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| child-snoack_pfile05-2.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| child-snoack_pfile05.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| child-snoack_pfile06-2.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| child-snoack_pfile06.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| child-snoack_pfile07-2.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| child-snoack_pfile07.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| child-snoack_pfile08-2.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| child-snoack_pfile08.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| child-snoack_pfile09-2.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| child-snoack_pfile09.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| child-snoack_pfile10-2.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| child-snoack_pfile10.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |

# data-network-opt18-strips

| Expansions | default      | marked       | naive        | psvn | psvn_split   | watched      |
|------------|--------------|--------------|--------------|------|--------------|--------------|
| p01.pddl   | 4763         | 4763         | 4763         | None | <b>4674</b>  | 4763         |
| p02.pddl   | 3455         | 3455         | 3455         | None | <b>3183</b>  | 3455         |
| p03.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p04.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p05.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p06.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p07.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p08.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p09.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p10.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p11.pddl   | 4807         | 4807         | 4807         | None | <b>4432</b>  | 4807         |
| p12.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p13.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p14.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p15.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p16.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p17.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p18.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p19.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p20.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |

## depot

| Expansions | default      | marked       | naive        | psvn | psvn_split   | watched      |
|------------|--------------|--------------|--------------|------|--------------|--------------|
| p01.pddl   | 400          | 400          | 400          | 400  | <b>380</b>   | 397          |
| p02.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p03.pddl   | 10001        | 10001        | 10001        | None | <b>4068</b>  | 10001        |
| p04.pddl   | 10001        | 10001        | 10001        | None | <b>4473</b>  | 10001        |
| p05.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p06.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p07.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p08.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p09.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p10.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p11.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p12.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p13.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p14.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p15.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p16.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p17.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p18.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p19.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p20.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p21.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p22.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |

## driverlog

| Expansions | default      | marked       | naive        | psvn         | psvn_split   | watched      |
|------------|--------------|--------------|--------------|--------------|--------------|--------------|
| p01.pddl   | 190          | 177          | 177          | 190          | <b>59</b>    | 189          |
| p02.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| p03.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| p04.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| p05.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p06.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p07.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p08.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p09.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p10.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p11.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p12.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p13.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p14.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p15.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p16.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p17.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p18.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p19.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p20.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | None         | <b>10001</b> |

## elevators-opt08-strips

| Expansions | default | marked | naive | psvn  | psvn_split | watched |
|------------|---------|--------|-------|-------|------------|---------|
| p01.pddl   | 10001   | 10001  | 10001 | 10001 | 10001      | 10001   |
| p02.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p03.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p04.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p05.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p06.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p07.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p08.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p09.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p10.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p11.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p12.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p13.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p14.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p15.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p16.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p17.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p18.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p19.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p20.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p21.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p22.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p23.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p24.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p25.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p26.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p27.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p28.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p29.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p30.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |



# elevators-opt11-strips

| Expansions | default | marked | naive | psvn | psvn_split | watched |
|------------|---------|--------|-------|------|------------|---------|
| p01.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p02.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p03.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p04.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p05.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p06.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p07.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p08.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p09.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p10.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p11.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p12.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p13.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p14.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p15.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p16.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p17.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p18.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p19.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p20.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |

## floortile-opt11-strips

| Expansions       | default      | marked       | naive        | psvn         | psvn_split   | watched      |
|------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| opt-p01-001.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| opt-p01-002.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| opt-p02-003.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| opt-p02-004.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| opt-p03-005.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| opt-p03-006.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| opt-p04-007.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| opt-p04-008.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| opt-p05-009.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| opt-p05-010.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| opt-p06-011.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| opt-p06-012.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| opt-p07-013.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| opt-p07-014.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| opt-p08-015.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| opt-p08-016.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| opt-p09-017.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| opt-p09-018.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| opt-p10-019.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| opt-p10-020.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |

# floortile-opt14-strips

| Expansions     | default | marked | naive | psvn  | psvn_split | watched |
|----------------|---------|--------|-------|-------|------------|---------|
| p01-4-3-2.pddl | 10001   | 10001  | 10001 | 10001 | 10001      | 10001   |
| p01-4-4-2.pddl | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p01-5-3-2.pddl | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p01-5-4-2.pddl | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p01-5-5-2.pddl | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p01-6-4-2.pddl | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p01-6-5-2.pddl | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p02-4-4-2.pddl | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p02-5-3-2.pddl | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p02-5-4-2.pddl | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p02-5-5-2.pddl | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p02-6-4-2.pddl | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p02-6-5-2.pddl | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p03-4-3-2.pddl | 10001   | 10001  | 10001 | 10001 | 10001      | 10001   |
| p03-4-4-2.pddl | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p03-5-3-2.pddl | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p03-5-4-2.pddl | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p03-5-5-2.pddl | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p03-6-4-2.pddl | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p03-6-5-2.pddl | 10001   | 10001  | 10001 | None  | 10001      | 10001   |

# freecell

| Expansions            | default      | marked       | naive        | psvn | psvn_split   | watched      |
|-----------------------|--------------|--------------|--------------|------|--------------|--------------|
| p01.pddl              | <b>2750</b>  | 3676         | 3676         | None | 3652         | 2822         |
| p02.pddl              | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p03.pddl              | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p04.pddl              | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p05.pddl              | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p06.pddl              | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p07.pddl              | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p08.pddl              | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p09.pddl              | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p10.pddl              | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p11.pddl              | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p12.pddl              | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p13.pddl              | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p14.pddl              | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p15.pddl              | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p16.pddl              | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p17.pddl              | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p18.pddl              | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p19.pddl              | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p20.pddl              | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| probfreecell-2-1.pddl | <b>5536</b>  | 5661         | 5661         | None | 5629         | 5762         |
| probfreecell-2-2.pddl | <b>4962</b>  | 5510         | 5510         | None | 5502         | 5493         |
| probfreecell-2-3.pddl | <b>4668</b>  | 5667         | 5667         | None | 5652         | 5568         |
| probfreecell-2-4.pddl | <b>6011</b>  | 6834         | 6834         | None | 6860         | 6254         |
| probfreecell-2-5.pddl | <b>6169</b>  | 6339         | 6339         | None | 6338         | 6414         |
| probfreecell-3-1.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| probfreecell-3-2.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| probfreecell-3-3.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| probfreecell-3-4.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| probfreecell-3-5.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| probfreecell-4-1.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| probfreecell-4-2.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| probfreecell-4-3.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| probfreecell-4-4.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| probfreecell-4-5.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| probfreecell-5-1.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| probfreecell-5-2.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| probfreecell-5-3.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| probfreecell-5-4.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| probfreecell-5-5.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| probfreecell-6-1.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| probfreecell-6-2.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| probfreecell-6-3.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| probfreecell-6-4.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |

## ged-opt14-strips

| Expansions | default      | marked       | naive        | psvn | psvn_split   | watched      |
|------------|--------------|--------------|--------------|------|--------------|--------------|
| d-1-2.pddl | 25           | 25           | 25           | 25   | 25           | <b>23</b>    |
| d-1-3.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| d-1-4.pddl | 25           | 25           | 25           | 25   | 25           | <b>23</b>    |
| d-1-8.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| d-2-1.pddl | 25           | 25           | 25           | 25   | 25           | <b>23</b>    |
| d-2-3.pddl | 10001        | 10001        | 10001        | None | <b>2448</b>  | 10001        |
| d-2-4.pddl | 691          | <b>687</b>   | <b>687</b>   | None | 908          | 691          |
| d-2-8.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| d-3-1.pddl | 10001        | 10001        | 10001        | None | <b>4885</b>  | 10001        |
| d-3-2.pddl | 10001        | 10001        | 10001        | None | <b>2808</b>  | 10001        |
| d-3-4.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| d-4-2.pddl | 695          | <b>687</b>   | <b>687</b>   | None | 803          | 691          |
| d-4-3.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| d-4-8.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| d-7-5.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| d-7-6.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| d-8-1.pddl | 10001        | 10001        | 10001        | None | <b>8886</b>  | 10001        |
| d-8-2.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| d-8-4.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| d-8-9.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |

## grid

| Expansions  | default      | marked       | naive        | psvn | psvn_split   | watched      |
|-------------|--------------|--------------|--------------|------|--------------|--------------|
| prob01.pddl | 4580         | 4524         | 4524         | None | <b>8</b>     | 6393         |
| prob02.pddl | 10001        | 10001        | 10001        | None | <b>6</b>     | 10001        |
| prob03.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| prob04.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| prob05.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |

## gripper

| Expansions  | default      | marked       | naive        | psvn         | psvn_split   | watched      |
|-------------|--------------|--------------|--------------|--------------|--------------|--------------|
| prob01.pddl | 239          | 239          | 239          | 239          | 239          | <b>238</b>   |
| prob02.pddl | 1831         | 1831         | 1831         | 1831         | 1831         | <b>1830</b>  |
| prob03.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| prob04.pddl | 10001        | 10001        | 10001        | 10001        | <b>111</b>   | 10001        |
| prob05.pddl | 10001        | 10001        | 10001        | None         | <b>157</b>   | 10001        |
| prob06.pddl | 10001        | 10001        | 10001        | None         | <b>211</b>   | 10001        |
| prob07.pddl | 10001        | 10001        | 10001        | None         | <b>273</b>   | 10001        |
| prob08.pddl | 10001        | 10001        | 10001        | None         | <b>307</b>   | 10001        |
| prob09.pddl | 10001        | 10001        | 10001        | None         | <b>421</b>   | 10001        |
| prob10.pddl | 10001        | 10001        | 10001        | None         | <b>463</b>   | 10001        |
| prob11.pddl | 10001        | 10001        | 10001        | None         | <b>601</b>   | 10001        |
| prob12.pddl | 10001        | 10001        | 10001        | None         | <b>651</b>   | 10001        |
| prob13.pddl | 10001        | 10001        | 10001        | None         | <b>701</b>   | 10001        |
| prob14.pddl | 10001        | 10001        | 10001        | None         | <b>815</b>   | 10001        |
| prob15.pddl | 10001        | 10001        | 10001        | None         | <b>1057</b>  | 10001        |
| prob16.pddl | 10001        | 10001        | 10001        | None         | <b>1059</b>  | 10001        |
| prob17.pddl | 10001        | 10001        | 10001        | None         | <b>1189</b>  | 10001        |
| prob18.pddl | 10001        | 10001        | 10001        | None         | <b>1335</b>  | 10001        |
| prob19.pddl | 10001        | 10001        | 10001        | None         | <b>1641</b>  | 10001        |
| prob20.pddl | 10001        | 10001        | 10001        | None         | <b>1643</b>  | 10001        |

## hiking-opt14-strips

| Expansions          | default      | marked       | naive        | psvn         | psvn_split   | watched      |
|---------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| ptesting-1-2-3.pddl | <b>498</b>   | 512          | 512          | 504          | 762          | 510          |
| ptesting-1-2-4.pddl | <b>3016</b>  | 3049         | 3049         | 3031         | 4148         | 3032         |
| ptesting-1-2-5.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| ptesting-1-2-7.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| ptesting-1-2-8.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| ptesting-2-2-3.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| ptesting-2-2-4.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| ptesting-2-2-5.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| ptesting-2-2-6.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| ptesting-2-2-7.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | None         | <b>10001</b> |
| ptesting-2-2-8.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | None         | <b>10001</b> |
| ptesting-2-3-4.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| ptesting-2-3-5.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| ptesting-2-3-6.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | None         | <b>10001</b> |
| ptesting-2-3-7.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | None         | <b>10001</b> |
| ptesting-2-4-3.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| ptesting-2-4-4.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| ptesting-2-4-5.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | None         | <b>10001</b> |
| ptesting-2-4-6.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | None         | <b>10001</b> |
| ptesting-2-4-7.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | None         | <b>10001</b> |

## logistics00

| Expansions              | default      | marked       | naive        | psvn         | psvn_split   | watched      |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| probLOGISTICS-4-0.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| probLOGISTICS-4-1.pddl  | 10001        | 9765         | 9765         | 10001        | 10001        | <b>9372</b>  |
| probLOGISTICS-4-2.pddl  | 4993         | 4521         | 4521         | <b>4125</b>  | <b>4125</b>  | 4939         |
| probLOGISTICS-5-0.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| probLOGISTICS-5-1.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| probLOGISTICS-5-2.pddl  | 951          | 953          | 953          | 956          | 956          | <b>902</b>   |
| probLOGISTICS-6-0.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| probLOGISTICS-6-1.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| probLOGISTICS-6-2.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| probLOGISTICS-6-9.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| probLOGISTICS-7-0.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| probLOGISTICS-7-1.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| probLOGISTICS-8-0.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| probLOGISTICS-8-1.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| probLOGISTICS-9-0.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| probLOGISTICS-9-1.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| probLOGISTICS-10-0.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| probLOGISTICS-10-1.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| probLOGISTICS-11-0.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| probLOGISTICS-11-1.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| probLOGISTICS-12-0.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| probLOGISTICS-12-1.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| probLOGISTICS-13-0.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| probLOGISTICS-13-1.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| probLOGISTICS-14-0.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| probLOGISTICS-14-1.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| probLOGISTICS-15-0.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| probLOGISTICS-15-1.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |



## logistics98

| Expansions  | default | marked | naive | psvn  | psvn_split | watched |
|-------------|---------|--------|-------|-------|------------|---------|
| prob01.pddl | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| prob02.pddl | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| prob03.pddl | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| prob04.pddl | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| prob05.pddl | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| prob06.pddl | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| prob07.pddl | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| prob08.pddl | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| prob09.pddl | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| prob10.pddl | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| prob11.pddl | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| prob12.pddl | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| prob13.pddl | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| prob14.pddl | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| prob15.pddl | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| prob16.pddl | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| prob17.pddl | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| prob18.pddl | 10001   | 10001  | 10001 | None  | None       | 10001   |
| prob19.pddl | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| prob20.pddl | 10001   | 10001  | 10001 | None  | None       | 10001   |
| prob21.pddl | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| prob22.pddl | 10001   | 10001  | 10001 | None  | None       | 10001   |
| prob23.pddl | 10001   | 10001  | 10001 | None  | None       | 10001   |
| prob24.pddl | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| prob25.pddl | 10001   | 10001  | 10001 | None  | None       | 10001   |
| prob26.pddl | 10001   | 10001  | 10001 | None  | None       | 10001   |
| prob27.pddl | 10001   | 10001  | 10001 | None  | None       | 10001   |
| prob28.pddl | 10001   | 10001  | 10001 | None  | None       | 10001   |
| prob29.pddl | 10001   | 10001  | 10001 | None  | None       | 10001   |
| prob30.pddl | 10001   | 10001  | 10001 | None  | None       | 10001   |
| prob31.pddl | 10001   | 10001  | 10001 | 10001 | 10001      | 10001   |
| prob32.pddl | 10001   | 10001  | 10001 | 10001 | 10001      | 10001   |
| prob33.pddl | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| prob34.pddl | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| prob35.pddl | 10001   | 10001  | 10001 | None  | 10001      | 10001   |

# miconic

| Expansions | default      | marked       | naive        | psvn         | psvn_split   | watched      |
|------------|--------------|--------------|--------------|--------------|--------------|--------------|
| s1-0.pddl  | 5            | 5            | 5            | 5            | <b>1</b>     | 5            |
| s1-1.pddl  | 5            | 5            | 5            | 5            | <b>2</b>     | 5            |
| s1-2.pddl  | 5            | 5            | 5            | 5            | <b>1</b>     | 5            |
| s1-3.pddl  | 5            | 5            | 5            | 5            | <b>1</b>     | 5            |
| s1-4.pddl  | 5            | 5            | 5            | 5            | <b>1</b>     | 5            |
| s2-0.pddl  | 30           | <b>29</b>    | <b>29</b>    | 30           | <b>29</b>    | 31           |
| s2-1.pddl  | <b>33</b>    | <b>33</b>    | <b>33</b>    | <b>33</b>    | <b>33</b>    | <b>33</b>    |
| s2-2.pddl  | 33           | 33           | 33           | 33           | 34           | <b>32</b>    |
| s2-3.pddl  | <b>26</b>    | <b>26</b>    | <b>26</b>    | <b>26</b>    | 28           | 28           |
| s2-4.pddl  | 30           | 30           | 30           | 30           | <b>29</b>    | <b>29</b>    |
| s3-0.pddl  | 204          | 202          | 202          | 204          | 203          | <b>181</b>   |
| s3-1.pddl  | 221          | 220          | 220          | 221          | <b>219</b>   | 226          |
| s3-2.pddl  | 182          | 182          | 182          | 182          | 182          | <b>164</b>   |
| s3-3.pddl  | 199          | <b>197</b>   | <b>197</b>   | 199          | 199          | 221          |
| s3-4.pddl  | 198          | 198          | 198          | 198          | 198          | <b>192</b>   |
| s4-0.pddl  | 1196         | <b>1193</b>  | <b>1193</b>  | 1196         | 1196         | 1320         |
| s4-1.pddl  | 1190         | <b>1187</b>  | <b>1187</b>  | 1190         | 1199         | 1255         |
| s4-2.pddl  | 1291         | <b>1288</b>  | <b>1288</b>  | 1291         | 1291         | 1355         |
| s4-3.pddl  | 1331         | 1331         | 1331         | 1331         | 1330         | <b>1311</b>  |
| s4-4.pddl  | 1362         | 1362         | 1362         | 1362         | 1359         | <b>1279</b>  |
| s5-0.pddl  | 6382         | <b>6293</b>  | <b>6293</b>  | 6382         | 6382         | 6489         |
| s5-1.pddl  | 6770         | <b>6587</b>  | <b>6587</b>  | 6770         | 6770         | 6853         |
| s5-2.pddl  | 5671         | <b>5565</b>  | <b>5565</b>  | 5671         | 5671         | 5852         |
| s5-3.pddl  | 6128         | <b>6058</b>  | <b>6058</b>  | 6128         | 6103         | 6591         |
| s5-4.pddl  | <b>6909</b>  | <b>6909</b>  | <b>6909</b>  | <b>6909</b>  | 6911         | 6917         |
| s6-0.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| s6-1.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| s6-2.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| s6-3.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| s6-4.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| s7-0.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| s7-1.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| s7-2.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| s7-3.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| s7-4.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| s8-0.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| s8-1.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| s8-2.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| s8-3.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| s8-4.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| s9-0.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| s9-1.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| s9-2.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| s9-3.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |

## movie

| Expansions  | default | marked | naive | psvn | psvn_split | watched |
|-------------|---------|--------|-------|------|------------|---------|
| prob01.pddl | 123     | 1      | 123   | None | None       | None    |
| prob02.pddl | 123     | 1      | 123   | None | None       | None    |
| prob03.pddl | 123     | 1      | 123   | None | None       | None    |
| prob04.pddl | 123     | 1      | 123   | None | None       | None    |
| prob05.pddl | 123     | 1      | 123   | None | None       | None    |
| prob06.pddl | 123     | 1      | 123   | None | None       | None    |
| prob07.pddl | 123     | 1      | 123   | None | None       | None    |
| prob08.pddl | 123     | 1      | 123   | None | None       | None    |
| prob09.pddl | 123     | 1      | 123   | None | None       | None    |
| prob10.pddl | 123     | 1      | 123   | None | None       | None    |
| prob11.pddl | 123     | 1      | 123   | None | None       | None    |
| prob12.pddl | 123     | 1      | 123   | None | None       | None    |
| prob13.pddl | 123     | 1      | 123   | None | None       | None    |
| prob14.pddl | 123     | 1      | 123   | None | None       | None    |
| prob15.pddl | 123     | 1      | 123   | None | None       | None    |
| prob16.pddl | 123     | 1      | 123   | None | None       | None    |
| prob17.pddl | 123     | 1      | 123   | None | None       | None    |
| prob18.pddl | 123     | 1      | 123   | None | None       | None    |
| prob19.pddl | 123     | 1      | 123   | None | None       | None    |
| prob20.pddl | 123     | 1      | 123   | None | None       | None    |
| prob21.pddl | 123     | 1      | 123   | None | None       | None    |
| prob22.pddl | 123     | 1      | 123   | None | None       | None    |
| prob23.pddl | 123     | 1      | 123   | None | None       | None    |
| prob24.pddl | 123     | 1      | 123   | None | None       | None    |
| prob25.pddl | 123     | 1      | 123   | None | None       | None    |
| prob26.pddl | 123     | 1      | 123   | None | None       | None    |
| prob27.pddl | 123     | 1      | 123   | None | None       | None    |
| prob28.pddl | 123     | 1      | 123   | None | None       | None    |
| prob29.pddl | 123     | 1      | 123   | None | None       | None    |
| prob30.pddl | 123     | 1      | 123   | None | None       | None    |

# mprime

| Expansions  | default      | marked       | naive        | psvn | psvn_split   | watched      |
|-------------|--------------|--------------|--------------|------|--------------|--------------|
| prob01.pddl | 2404         | 3653         | 3653         | None | 3638         | <b>1043</b>  |
| prob02.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| prob03.pddl | <b>9438</b>  | 10001        | 10001        | None | 10001        | 10001        |
| prob04.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| prob05.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| prob06.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| prob07.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| prob08.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| prob09.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| prob10.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| prob11.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| prob12.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| prob13.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| prob14.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| prob15.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| prob16.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| prob17.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| prob18.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| prob19.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| prob20.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| prob21.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| prob22.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| prob23.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| prob24.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| prob25.pddl | 217          | 461          | 461          | None | 482          | <b>112</b>   |
| prob26.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| prob27.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| prob28.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| prob29.pddl | 6802         | 9810         | 9810         | None | 9795         | <b>5230</b>  |
| prob30.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| prob31.pddl | 4391         | 6595         | 6595         | None | 6514         | <b>3397</b>  |
| prob32.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| prob33.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| prob34.pddl | 5857         | 6980         | 6980         | None | 6858         | <b>4765</b>  |
| prob35.pddl | 5020         | 2677         | 2677         | None | <b>2278</b>  | 4503         |

# mystery

| Expansions  | default      | marked       | naive        | psvn     | psvn_split   | watched      |
|-------------|--------------|--------------|--------------|----------|--------------|--------------|
| prob01.pddl | 53           | 53           | 53           | 32       | 32           | <b>30</b>    |
| prob02.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None     | <b>10001</b> | <b>10001</b> |
| prob03.pddl | <b>412</b>   | 458          | 458          | None     | 449          | 571          |
| prob04.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None     | <b>10001</b> | <b>10001</b> |
| prob05.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None     | <b>10001</b> | <b>10001</b> |
| prob06.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None     | <b>10001</b> | <b>10001</b> |
| prob07.pddl | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b> | <b>0</b>     | <b>0</b>     |
| prob08.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None     | <b>10001</b> | <b>10001</b> |
| prob09.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None     | <b>10001</b> | <b>10001</b> |
| prob10.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None     | None         | <b>10001</b> |
| prob11.pddl | 1135         | 1115         | 1115         | None     | 1109         | <b>459</b>   |
| prob12.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None     | <b>10001</b> | <b>10001</b> |
| prob13.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None     | None         | <b>10001</b> |
| prob14.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None     | None         | <b>10001</b> |
| prob15.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None     | <b>10001</b> | <b>10001</b> |
| prob16.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None     | <b>10001</b> | <b>10001</b> |
| prob17.pddl | <b>5016</b>  | 7312         | 7312         | None     | 7197         | 7972         |
| prob18.pddl | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b> | <b>0</b>     | <b>0</b>     |
| prob19.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None     | <b>10001</b> | <b>10001</b> |
| prob20.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None     | <b>10001</b> | <b>10001</b> |
| prob21.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None     | <b>10001</b> | <b>10001</b> |
| prob22.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None     | <b>10001</b> | <b>10001</b> |
| prob23.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None     | <b>10001</b> | <b>10001</b> |
| prob24.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None     | <b>10001</b> | <b>10001</b> |
| prob25.pddl | 66           | 75           | 75           | 65       | 65           | <b>31</b>    |
| prob26.pddl | 10001        | 10001        | 10001        | None     | 10001        | <b>9880</b>  |
| prob27.pddl | 2378         | 2588         | 2588         | None     | 2538         | <b>2150</b>  |
| prob28.pddl | 672          | <b>634</b>   | <b>634</b>   | None     | 643          | 856          |
| prob29.pddl | 268          | 257          | 257          | None     | 257          | <b>255</b>   |
| prob30.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None     | <b>10001</b> | <b>10001</b> |

# nomystery-opt11-strips

| Expansions | default      | marked       | naive        | psvn         | psvn_split   | watched      |
|------------|--------------|--------------|--------------|--------------|--------------|--------------|
| p01.pddl   | 2317         | 2317         | 2317         | <b>2043</b>  | <b>2043</b>  | 2232         |
| p02.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| p03.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| p04.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p05.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p06.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p07.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p08.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p09.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p10.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p11.pddl   | 1314         | 1314         | 1314         | <b>1262</b>  | <b>1262</b>  | 1350         |
| p12.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| p13.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| p14.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p15.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p16.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p17.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p18.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p19.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p20.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |

# openstacks-opt08-strips

| Expansions | default | marked | naive | psvn | psvn_split | watched |
|------------|---------|--------|-------|------|------------|---------|
| p01.pddl   | 209     | 209    | 209   | 209  | 209        | 209     |
| p02.pddl   | 769     | 769    | 769   | 769  | 769        | 769     |
| p03.pddl   | 1729    | 1729   | 1729  | 1729 | 1729       | 1729    |
| p04.pddl   | 8209    | 8209   | 8209  | 8209 | 8209       | 8209    |
| p05.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p06.pddl   | 3658    | 3658   | 3658  | None | 10001      | 3658    |
| p07.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p08.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p09.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p10.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p11.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p12.pddl   | 10001   | 10001  | 10001 | None | 1          | 10001   |
| p13.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p14.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p15.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p16.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p17.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p18.pddl   | 10001   | 10001  | 10001 | None | 1          | 10001   |
| p19.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p20.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p21.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p22.pddl   | 10001   | 10001  | 10001 | None | 1          | 10001   |
| p23.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p24.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p25.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p26.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p27.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p28.pddl   | 10001   | 10001  | 10001 | None | 1          | 10001   |
| p29.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p30.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |

## openstacks-opt11-strips

| Expansions | default      | marked       | naive        | psvn | psvn_split   | watched      |
|------------|--------------|--------------|--------------|------|--------------|--------------|
| p01.pddl   | <b>3658</b>  | <b>3658</b>  | <b>3658</b>  | None | 10001        | <b>3658</b>  |
| p02.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p03.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p04.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p05.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p06.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p07.pddl   | 10001        | 10001        | 10001        | None | <b>1</b>     | 10001        |
| p08.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p09.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p10.pddl   | 10001        | 10001        | 10001        | None | <b>1</b>     | 10001        |
| p11.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p12.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p13.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p14.pddl   | 10001        | 10001        | 10001        | None | <b>1</b>     | 10001        |
| p15.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p16.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p17.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p18.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p19.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p20.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |



# openstacks-opt14-strips

| Expansions | default | marked | naive | psvn | psvn_split | watched |
|------------|---------|--------|-------|------|------------|---------|
| p20_1.pddl | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p20_2.pddl | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p20_3.pddl | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p25_1.pddl | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p25_3.pddl | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p30_1.pddl | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p30_2.pddl | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p30_3.pddl | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p35_1.pddl | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p35_2.pddl | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p35_3.pddl | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p40_1.pddl | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p40_2.pddl | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p40_3.pddl | 10001   | 10001  | 10001 | None | 1          | 10001   |
| p45_1.pddl | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p45_2.pddl | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p45_3.pddl | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p50_1.pddl | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p50_2.pddl | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p50_3.pddl | 10001   | 10001  | 10001 | None | 10001      | 10001   |

## openstacks-strips

| Expansions | default      | marked       | naive        | psvn | psvn_split   | watched      |
|------------|--------------|--------------|--------------|------|--------------|--------------|
| p01.pddl   | <b>4782</b>  | 4822         | 4822         | 4822 | 4822         | <b>4782</b>  |
| p02.pddl   | <b>5461</b>  | 5501         | 5501         | 5501 | 5501         | <b>5461</b>  |
| p03.pddl   | <b>4782</b>  | 4822         | 4822         | 4822 | 4822         | <b>4782</b>  |
| p04.pddl   | <b>4782</b>  | 4822         | 4822         | 4822 | 4822         | <b>4782</b>  |
| p05.pddl   | <b>4782</b>  | 4822         | 4822         | 4822 | 4822         | <b>4782</b>  |
| p06.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p07.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p08.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p09.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p10.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p11.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p12.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p13.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p14.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p15.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p16.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p17.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p18.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p19.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p20.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p21.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p22.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p23.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p24.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p25.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p26.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p27.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p28.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p29.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p30.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |

# organic-synthesis-opt18-strips

| Expansions | default  | marked   | naive    | psvn     | psvn_split | watched  |
|------------|----------|----------|----------|----------|------------|----------|
| p01.pddl   | <b>2</b> | <b>2</b> | <b>2</b> | <b>2</b> | <b>2</b>   | <b>2</b> |
| p02.pddl   | <b>2</b> | <b>2</b> | <b>2</b> | <b>2</b> | <b>2</b>   | <b>2</b> |
| p03.pddl   | <b>3</b> | <b>3</b> | <b>3</b> | <b>3</b> | <b>3</b>   | <b>3</b> |
| p04.pddl   | None     | None     | None     | None     | None       | None     |
| p05.pddl   | None     | None     | None     | None     | None       | None     |
| p06.pddl   | None     | None     | None     | None     | None       | None     |
| p07.pddl   | <b>3</b> | <b>3</b> | <b>3</b> | <b>3</b> | <b>3</b>   | 4        |
| p08.pddl   | None     | None     | None     | None     | None       | None     |
| p09.pddl   | <b>3</b> | <b>3</b> | <b>3</b> | None     | None       | <b>3</b> |
| p10.pddl   | <b>3</b> | 4        | 4        | None     | None       | <b>3</b> |
| p11.pddl   | None     | None     | None     | None     | None       | None     |
| p12.pddl   | None     | None     | None     | None     | None       | None     |
| p13.pddl   | None     | None     | None     | None     | None       | None     |
| p14.pddl   | 4        | 5        | 5        | None     | None       | <b>3</b> |
| p15.pddl   | None     | None     | None     | None     | None       | None     |
| p16.pddl   | None     | None     | None     | None     | None       | None     |
| p17.pddl   | None     | None     | None     | None     | None       | None     |
| p18.pddl   | None     | None     | None     | None     | None       | None     |
| p19.pddl   | None     | None     | None     | None     | None       | None     |
| p20.pddl   | None     | None     | None     | None     | None       | None     |

# organic-synthesis-split-opt18-strips

| Expansions | default      | marked       | naive        | psvn | psvn_split   | watched      |
|------------|--------------|--------------|--------------|------|--------------|--------------|
| p01.pddl   | <b>5979</b>  | <b>5979</b>  | <b>5979</b>  | None | None         | <b>5979</b>  |
| p02.pddl   | 8825         | 8825         | 8825         | None | None         | <b>8824</b>  |
| p03.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p04.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p05.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p06.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p07.pddl   | 141          | 141          | 141          | None | <b>17</b>    | 141          |
| p08.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p09.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p10.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p11.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p12.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p13.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p14.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p15.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p16.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p17.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p18.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p19.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p20.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |

# parcprinter-08-strips

| Expansions | default      | marked       | naive        | psvn        | psvn_split   | watched      |
|------------|--------------|--------------|--------------|-------------|--------------|--------------|
| p01.pddl   | <b>25</b>    | <b>25</b>    | <b>25</b>    | <b>25</b>   | <b>25</b>    | <b>25</b>    |
| p02.pddl   | <b>1500</b>  | 1501         | 1501         | 1501        | 2405         | 1502         |
| p03.pddl   | 5150         | 5153         | 5153         | 5165        | <b>3361</b>  | 5164         |
| p04.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p05.pddl   | 10001        | 10001        | 10001        | None        | <b>1501</b>  | 10001        |
| p06.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p07.pddl   | 10001        | 10001        | 10001        | None        | <b>6721</b>  | 10001        |
| p08.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p09.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p10.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p11.pddl   | <b>31</b>    | <b>31</b>    | <b>31</b>    | <b>31</b>   | <b>31</b>    | <b>31</b>    |
| p12.pddl   | 5833         | 5834         | 5834         | 5833        | <b>5727</b>  | 5834         |
| p13.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p14.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p15.pddl   | 10001        | 10001        | 10001        | None        | <b>1537</b>  | 10001        |
| p16.pddl   | 10001        | 10001        | 10001        | None        | <b>321</b>   | 10001        |
| p17.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p18.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | None         | <b>10001</b> |
| p19.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p20.pddl   | 10001        | 10001        | 10001        | None        | <b>1</b>     | 10001        |
| p21.pddl   | <b>20</b>    | <b>20</b>    | <b>20</b>    | <b>20</b>   | 31           | <b>20</b>    |
| p22.pddl   | <b>2951</b>  | <b>2951</b>  | <b>2951</b>  | <b>2951</b> | 5111         | <b>2951</b>  |
| p23.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p24.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p25.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p26.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p27.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p28.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p29.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p30.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |

# parcprinter-opt11-strips

| Expansions | default      | marked       | naive        | psvn        | psvn_split   | watched      |
|------------|--------------|--------------|--------------|-------------|--------------|--------------|
| p01.pddl   | <b>2951</b>  | <b>2951</b>  | <b>2951</b>  | <b>2951</b> | 5111         | <b>2951</b>  |
| p02.pddl   | <b>1500</b>  | 1501         | 1501         | 1501        | 2405         | 1502         |
| p03.pddl   | 5833         | 5834         | 5834         | 5833        | <b>5727</b>  | 5834         |
| p04.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p05.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p06.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p07.pddl   | 10001        | 10001        | 10001        | None        | <b>1501</b>  | 10001        |
| p08.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p09.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p10.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p11.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p12.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p13.pddl   | 10001        | 10001        | 10001        | None        | <b>6721</b>  | 10001        |
| p14.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p15.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p16.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p17.pddl   | 10001        | 10001        | 10001        | None        | <b>1537</b>  | 10001        |
| p18.pddl   | 10001        | 10001        | 10001        | None        | <b>321</b>   | 10001        |
| p19.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p20.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |

# parking-opt11-strips

| Expansions       | default      | marked       | naive        | psvn | psvn_split   | watched      |
|------------------|--------------|--------------|--------------|------|--------------|--------------|
| pfile03-011.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| pfile03-012.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| pfile04-013.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| pfile04-014.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| pfile04-015.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| pfile04-016.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| pfile05-017.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| pfile05-018.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| pfile05-019.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| pfile05-020.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| pfile06-021.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| pfile06-022.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| pfile06-023.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| pfile06-024.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| pfile07-025.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| pfile07-026.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| pfile07-027.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| pfile07-028.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| pfile08-029.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| pfile08-030.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |

# parking-opt14-strips

| Expansions      | default      | marked       | naive        | psvn | psvn_split   | watched      |
|-----------------|--------------|--------------|--------------|------|--------------|--------------|
| p_12_7-01.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p_12_7-02.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p_12_7-03.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p_12_7-04.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p_14_8-01.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p_14_8-02.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p_14_8-03.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p_14_8-04.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p_16_9-01.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p_16_9-02.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p_16_9-03.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p_16_9-04.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p_18_10-01.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p_18_10-02.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p_18_10-03.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p_18_10-04.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p_20_11-01.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p_20_11-02.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p_20_11-03.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p_20_11-04.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |



## pathways

| Expansions | default      | marked       | naive        | psvn | psvn_split   | watched      |
|------------|--------------|--------------|--------------|------|--------------|--------------|
| p01.pddl   | 1644         | 1646         | 1646         | None | <b>1447</b>  | 1648         |
| p02.pddl   | 2927         | 2925         | 2925         | None | <b>2714</b>  | 3071         |
| p03.pddl   | 10001        | 10001        | 10001        | None | <b>4422</b>  | 10001        |
| p04.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p05.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p06.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p07.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p08.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p09.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p10.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p11.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p12.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p13.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p14.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p15.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p16.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p17.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p18.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p19.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p20.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p21.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p22.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p23.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p24.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p25.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p26.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p27.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p28.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p29.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p30.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |

## pegsol-08-strips

| Expansions | default      | marked       | naive        | psvn       | psvn_split   | watched      |
|------------|--------------|--------------|--------------|------------|--------------|--------------|
| p01.pddl   | <b>13</b>    | <b>13</b>    | <b>13</b>    | <b>13</b>  | <b>13</b>    | <b>13</b>    |
| p02.pddl   | 85           | 85           | 85           | None       | <b>68</b>    | 85           |
| p03.pddl   | 220          | 220          | 220          | None       | <b>162</b>   | 220          |
| p04.pddl   | 214          | 214          | 214          | None       | <b>153</b>   | 214          |
| p05.pddl   | <b>293</b>   | <b>293</b>   | <b>293</b>   | <b>293</b> | <b>293</b>   | <b>293</b>   |
| p06.pddl   | 1215         | 1215         | 1215         | None       | <b>964</b>   | 1215         |
| p07.pddl   | <b>177</b>   | <b>177</b>   | <b>177</b>   | None       | 204          | <b>177</b>   |
| p08.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None       | <b>10001</b> | <b>10001</b> |
| p09.pddl   | 4143         | 4143         | 4143         | None       | <b>2639</b>  | 4143         |
| p10.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None       | <b>10001</b> | <b>10001</b> |
| p11.pddl   | 10001        | 10001        | 10001        | None       | <b>5228</b>  | 10001        |
| p12.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None       | <b>10001</b> | <b>10001</b> |
| p13.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None       | <b>10001</b> | <b>10001</b> |
| p14.pddl   | 10001        | 10001        | 10001        | None       | <b>9968</b>  | 10001        |
| p15.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None       | <b>10001</b> | <b>10001</b> |
| p16.pddl   | 10001        | 10001        | 10001        | None       | <b>2690</b>  | 10001        |
| p17.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None       | <b>10001</b> | <b>10001</b> |
| p18.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None       | <b>10001</b> | <b>10001</b> |
| p19.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None       | <b>10001</b> | <b>10001</b> |
| p20.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None       | <b>10001</b> | <b>10001</b> |
| p21.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None       | <b>10001</b> | <b>10001</b> |
| p22.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None       | <b>10001</b> | <b>10001</b> |
| p23.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None       | <b>10001</b> | <b>10001</b> |
| p24.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None       | <b>10001</b> | <b>10001</b> |
| p25.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None       | <b>10001</b> | <b>10001</b> |
| p26.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None       | <b>10001</b> | <b>10001</b> |
| p27.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None       | <b>10001</b> | <b>10001</b> |
| p28.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None       | <b>10001</b> | <b>10001</b> |
| p29.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None       | <b>10001</b> | <b>10001</b> |
| p30.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None       | <b>10001</b> | <b>10001</b> |

# pegsol-opt11-strips

| Expansions | default      | marked       | naive        | psvn | psvn_split   | watched      |
|------------|--------------|--------------|--------------|------|--------------|--------------|
| p01.pddl   | 252          | 252          | 252          | None | <b>236</b>   | 252          |
| p02.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p03.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p04.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p05.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p06.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p07.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p08.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p09.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p10.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p11.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p12.pddl   | 10001        | 10001        | 10001        | None | <b>1944</b>  | 10001        |
| p13.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p14.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p15.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p16.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p17.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p18.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p19.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p20.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |

# petri-net-alignment-opt18-strips

| Expansions | default      | marked       | naive        | psvn | psvn_split   | watched      |
|------------|--------------|--------------|--------------|------|--------------|--------------|
| p01.pddl   | 10001        | 10001        | 10001        | None | <b>281</b>   | 10001        |
| p02.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p03.pddl   | 10001        | 10001        | 10001        | None | <b>1411</b>  | 10001        |
| p04.pddl   | 10001        | 10001        | 10001        | None | <b>647</b>   | 10001        |
| p05.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p06.pddl   | 10001        | 10001        | 10001        | None | <b>788</b>   | 10001        |
| p07.pddl   | 10001        | 10001        | 10001        | None | <b>715</b>   | 10001        |
| p08.pddl   | 10001        | 10001        | 10001        | None | <b>190</b>   | 10001        |
| p09.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p10.pddl   | 10001        | 10001        | 10001        | None | <b>9665</b>  | 10001        |
| p11.pddl   | 10001        | 10001        | 10001        | None | <b>133</b>   | 10001        |
| p12.pddl   | 10001        | 10001        | 10001        | None | <b>343</b>   | 10001        |
| p13.pddl   | 10001        | 10001        | 10001        | None | <b>5016</b>  | 10001        |
| p14.pddl   | 10001        | 10001        | 10001        | None | <b>1762</b>  | 10001        |
| p15.pddl   | 10001        | 10001        | 10001        | None | <b>2</b>     | 10001        |
| p16.pddl   | 10001        | 10001        | 10001        | None | <b>62</b>    | 10001        |
| p17.pddl   | 10001        | 10001        | 10001        | None | <b>192</b>   | 10001        |
| p18.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p19.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p20.pddl   | 10001        | 10001        | 10001        | None | <b>1608</b>  | 10001        |

# pipesworld-notankage

| Expansions           | default      | marked       | naive        | psvn | psvn_split   | watched      |
|----------------------|--------------|--------------|--------------|------|--------------|--------------|
| p01-net1-b6-g2.pddl  | 104          | 95           | 95           | None | <b>76</b>    | 112          |
| p02-net1-b6-g4.pddl  | 1731         | <b>1676</b>  | <b>1676</b>  | None | 1691         | 1700         |
| p03-net1-b8-g3.pddl  | 3658         | 3258         | 3258         | None | 3276         | <b>2737</b>  |
| p04-net1-b8-g5.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p05-net1-b10-g4.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p06-net1-b10-g6.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p07-net1-b12-g5.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p08-net1-b12-g7.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p09-net1-b14-g6.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p10-net1-b14-g8.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p11-net2-b10-g2.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p12-net2-b10-g4.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p13-net2-b12-g3.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p14-net2-b12-g5.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p15-net2-b14-g4.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p16-net2-b14-g6.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p17-net2-b16-g5.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p18-net2-b16-g7.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p19-net2-b18-g6.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p20-net2-b18-g8.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p21-net3-b12-g2.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p22-net3-b12-g4.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p23-net3-b14-g3.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p24-net3-b14-g5.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p25-net3-b16-g5.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p26-net3-b16-g7.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p27-net3-b18-g6.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p28-net3-b18-g7.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p29-net3-b20-g6.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p30-net3-b20-g8.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p31-net4-b14-g3.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p32-net4-b14-g5.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p33-net4-b16-g5.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p34-net4-b16-g6.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p35-net4-b18-g4.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p36-net4-b18-g6.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p37-net4-b20-g5.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p38-net4-b20-g7.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p39-net4-b22-g7.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p40-net4-b22-g8.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p41-net5-b22-g2.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p42-net5-b22-g4.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p43-net5-b24-g3.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |

## pipesworld-tankage

| Expansions               | default      | marked       | naive        | psvn | psvn_split   | watched      |
|--------------------------|--------------|--------------|--------------|------|--------------|--------------|
| p01-net1-b6-g2-t50.pddl  | 136          | <b>95</b>    | <b>95</b>    | None | 279          | 128          |
| p02-net1-b6-g4-t50.pddl  | 1038         | 1013         | 1013         | None | <b>948</b>   | 1017         |
| p03-net1-b8-g3-t80.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p04-net1-b8-g5-t80.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p05-net1-b10-g4-t50.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p06-net1-b10-g6-t50.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p07-net1-b12-g5-t80.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p08-net1-b12-g7-t80.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p09-net1-b14-g6-t50.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p10-net1-b14-g8-t50.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p11-net2-b10-g2-t30.pddl | 10001        | 10001        | 10001        | None | <b>357</b>   | 10001        |
| p12-net2-b10-g4-t60.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p13-net2-b12-g3-t70.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p14-net2-b12-g5-t30.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p15-net2-b14-g4-t30.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p16-net2-b14-g6-t80.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p17-net2-b16-g5-t20.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p18-net2-b16-g7-t60.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p19-net2-b18-g6-t60.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p20-net2-b18-g8-t90.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p21-net3-b12-g2-t60.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p22-net3-b12-g4-t60.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p23-net3-b14-g3-t60.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p24-net3-b14-g5-t60.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p25-net3-b16-g5-t60.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p26-net3-b16-g7-t70.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p27-net3-b18-g6-t70.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p28-net3-b18-g7-t70.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p29-net3-b20-g6-t70.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p30-net3-b20-g8-t70.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p31-net4-b14-g3-t20.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p32-net4-b14-g5-t30.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p33-net4-b16-g5-t60.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p34-net4-b16-g6-t60.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p35-net4-b18-g4-t90.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p36-net4-b18-g6-t90.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p37-net4-b20-g5-t60.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p38-net4-b20-g7-t60.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p39-net4-b22-g7-t50.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p40-net4-b22-g8-t50.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p41-net5-b22-g2-t20.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p42-net5-b22-g4-t50.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |
| p43-net5-b24-g3-t80.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None         | <b>10001</b> |

**psr-small**

| Expansions             | default | marked | naive | psvn  | psvn_split  | watched             |
|------------------------|---------|--------|-------|-------|-------------|---------------------|
| p01-s2-n1-l2-f50.pddl  | 11      | 11     | 11    | 11    | <b>3</b>    | 11                  |
| p02-s5-n1-l3-f30.pddl  | 68      | 71     | 71    | 71    | <b>5</b>    | 71                  |
| p03-s7-n1-l3-f70.pddl  | 33      | 33     | 33    | 33    | <b>5</b>    | 33                  |
| p04-s8-n1-l4-f10.pddl  | 233     | 345    | 345   | 318   | <b>5</b>    | 295                 |
| p05-s9-n1-l4-f30.pddl  | 132     | 154    | 154   | 142   | <b>5</b>    | 132                 |
| p06-s10-n1-l4-f50.pddl | 11      | 11     | 11    | 11    | <b>3</b>    | 11                  |
| p07-s11-n1-l4-f70.pddl | 106     | 117    | 117   | 117   | <b>5</b>    | 117                 |
| p08-s12-n1-l5-f10.pddl | 69      | 119    | 119   | 123   | <b>3</b>    | 113                 |
| p09-s13-n1-l5-f30.pddl | 34      | 49     | 49    | 44    | <b>3</b>    | 34                  |
| p10-s17-n2-l2-f30.pddl | 711     | 1334   | 1334  | 1270  | <b>1</b>    | 1344                |
| p11-s18-n2-l2-f50.pddl | 153     | 153    | 153   | 153   | <b>12</b>   | 153                 |
| p12-s21-n2-l3-f30.pddl | 143     | 147    | 147   | 151   | <b>8</b>    | 151                 |
| p13-s22-n2-l3-f50.pddl | 96      | 95     | 95    | 95    | <b>6</b>    | 95                  |
| p14-s23-n2-l3-f70.pddl | 27      | 31     | 31    | 30    | <b>6</b>    | 31                  |
| p15-s24-n2-l4-f10.pddl | 3332    | 3467   | 3467  | 3562  | 3562        | <b>3151</b>         |
| p16-s29-n2-l5-f30.pddl | 2676    | 2680   | 2680  | 2741  | <b>26</b>   | 2687                |
| p17-s30-n2-l5-f50.pddl | 16      | 16     | 16    | 16    | <b>4</b>    | 16                  |
| p18-s31-n2-l5-f70.pddl | 142     | 154    | 154   | 154   | <b>10</b>   | 154                 |
| p19-s33-n3-l2-f30.pddl | 9101    | 9130   | 9130  | 8974  | <b>18</b>   | 8997                |
| p20-s34-n3-l2-f50.pddl | 84      | 84     | 84    | 84    | <b>12</b>   | 84                  |
| p21-s35-n3-l2-f70.pddl | 38      | 42     | 42    | 41    | <b>8</b>    | 42                  |
| p22-s37-n3-l3-f30.pddl | 10001   | 10001  | 10001 | 10001 | <b>44</b>   | 10001               |
| p23-s38-n3-l3-f50.pddl | 190     | 226    | 226   | 215   | <b>20</b>   | 225                 |
| p24-s39-n3-l3-f70.pddl | 38      | 42     | 42    | 41    | <b>8</b>    | 42                  |
| p25-s40-n3-l4-f10.pddl | 10001   | 10001  | 10001 | 10001 | <b>8602</b> | 9156                |
| p26-s41-n3-l4-f30.pddl | 172     | 176    | 176   | 180   | <b>16</b>   | 176                 |
| p27-s42-n3-l4-f50.pddl | 820     | 838    | 838   | 818   | <b>24</b>   | 798                 |
| p28-s43-n3-l4-f70.pddl | 95      | 102    | 102   | 102   | <b>36</b>   | 102                 |
| p29-s45-n3-l5-f30.pddl | 10001   | 10001  | 10001 | 10001 | <b>4</b>    | 10001               |
| p30-s46-n3-l5-f50.pddl | 2263    | 2344   | 2344  | 2450  | <b>24</b>   | 2289                |
| p31-s49-n4-l2-f30.pddl | 10001   | 10001  | 10001 | 10001 | <b>24</b>   | 10001               |
| p32-s50-n4-l2-f50.pddl | 435     | 435    | 435   | 435   | <b>56</b>   | 435                 |
| p33-s51-n4-l2-f70.pddl | 2297    | 2418   | 2418  | 2421  | <b>40</b>   | 2201                |
| p34-s55-n4-l3-f70.pddl | 227     | 227    | 227   | 227   | <b>32</b>   | 227                 |
| p35-s57-n5-l2-f30.pddl | 10001   | 10001  | 10001 | None  | <b>24</b>   | 10001               |
| p36-s65-n6-l2-f30.pddl | 10001   | 10001  | 10001 | None  | <b>12</b>   | 10001               |
| p37-s67-n6-l2-f70.pddl | 1524    | 1564   | 1564  | 1513  | <b>48</b>   | 1562                |
| p38-s78-n3-l3-f50.pddl | 544     | 595    | 595   | 528   | <b>4</b>    | 578                 |
| p39-s79-n3-l3-f70.pddl | 3873    | 4125   | 4125  | 4156  | <b>72</b>   | 3831                |
| p40-s80-n3-l4-f10.pddl | 10001   | 10001  | 10001 | None  | <b>1</b>    | 10001               |
| p41-s81-n3-l4-f30.pddl | 54      | 65     | 65    | 67    | <b>12</b>   | 67                  |
| p42-s82-n3-l4-f50.pddl | 1888    | 1950   | 1950  | 1950  | <b>68</b>   | 1950 <sub>303</sub> |
| p43-s83-n3-l4-f70.pddl | 333     | 333    | 333   | 333   | <b>20</b>   | 333                 |

# rovers

| Expansions | default      | marked       | naive        | psvn         | psvn_split   | watched      |
|------------|--------------|--------------|--------------|--------------|--------------|--------------|
| p01.pddl   | 1073         | 1039         | 1039         | 1107         | 1099         | <b>1021</b>  |
| p02.pddl   | 273          | <b>248</b>   | <b>248</b>   | 276          | 276          | 250          |
| p03.pddl   | <b>3712</b>  | 4214         | 4214         | 3724         | 3724         | 4126         |
| p04.pddl   | <b>876</b>   | 920          | 920          | 889          | 889          | 1246         |
| p05.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| p06.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| p07.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p08.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p09.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p10.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p11.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p12.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p13.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p14.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p15.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p16.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p17.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p18.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p19.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p20.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p21.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p22.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p23.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p24.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p25.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p26.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p27.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p28.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p29.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p30.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | None         | <b>10001</b> |
| p31.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p32.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p33.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p34.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | None         | <b>10001</b> |
| p35.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | None         | <b>10001</b> |
| p36.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | None         | <b>10001</b> |
| p37.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | None         | <b>10001</b> |
| p38.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | None         | <b>10001</b> |
| p39.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | None         | <b>10001</b> |
| p40.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | None         | <b>10001</b> |



## satellite

| Expansions          | default      | marked       | naive        | psvn         | psvn_split   | watched      |
|---------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| p01-pfile1.pddl     | 93           | 93           | 93           | <b>89</b>    | <b>89</b>    | 90           |
| p02-pfile2.pddl     | 1772         | 1772         | 1772         | 1553         | <b>1552</b>  | 1597         |
| p03-pfile3.pddl     | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| p04-pfile4.pddl     | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| p05-pfile5.pddl     | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p06-pfile6.pddl     | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| p07-pfile7.pddl     | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p08-pfile8.pddl     | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p09-pfile9.pddl     | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p10-pfile10.pddl    | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p11-pfile11.pddl    | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p12-pfile12.pddl    | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p13-pfile13.pddl    | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p14-pfile14.pddl    | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p15-pfile15.pddl    | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p16-pfile16.pddl    | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p17-pfile17.pddl    | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p18-pfile18.pddl    | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p19-pfile19.pddl    | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p20-pfile20.pddl    | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p21-HC-pfile1.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p22-HC-pfile2.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p23-HC-pfile3.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p24-HC-pfile4.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p25-HC-pfile5.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p26-HC-pfile6.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p27-HC-pfile7.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p28-HC-pfile8.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | None         | <b>10001</b> |
| p29-HC-pfile9.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | None         | <b>10001</b> |
| p30-HC-pfile10.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | None         | <b>10001</b> |
| p31-HC-pfile11.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | None         | <b>10001</b> |
| p32-HC-pfile12.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | None         | <b>10001</b> |
| p33-HC-pfile13.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | None         | <b>10001</b> |
| p34-HC-pfile14.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | None         | <b>10001</b> |
| p35-HC-pfile15.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | None         | <b>10001</b> |
| p36-HC-pfile16.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | None         | <b>10001</b> |

# scanalyzer-08-strips

| Expansions | default | marked | naive | psvn  | psvn_split | watched |
|------------|---------|--------|-------|-------|------------|---------|
| p01.pddl   | 10001   | 10001  | 10001 | 10001 | 10001      | 10001   |
| p02.pddl   | 10001   | 10001  | 10001 | 10001 | 10001      | 10001   |
| p03.pddl   | 10001   | 10001  | 10001 | 10001 | 10001      | 10001   |
| p04.pddl   | 10001   | 10001  | 10001 | None  | None       | 10001   |
| p05.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p06.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p07.pddl   | 10001   | 10001  | 10001 | None  | None       | 10001   |
| p08.pddl   | 10001   | 10001  | 10001 | None  | None       | 10001   |
| p09.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p10.pddl   | 10001   | 10001  | 10001 | None  | None       | 10001   |
| p11.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p12.pddl   | 10001   | 10001  | 10001 | None  | None       | 10001   |
| p13.pddl   | 10001   | 10001  | 10001 | None  | None       | 10001   |
| p14.pddl   | 10001   | 10001  | 10001 | None  | None       | 10001   |
| p15.pddl   | 10001   | 10001  | 10001 | None  | None       | 10001   |
| p16.pddl   | 10001   | 10001  | 10001 | None  | None       | 10001   |
| p17.pddl   | 10001   | 10001  | 10001 | None  | None       | 10001   |
| p18.pddl   | 10001   | 10001  | 10001 | None  | None       | 10001   |
| p19.pddl   | 10001   | 10001  | 10001 | None  | None       | 10001   |
| p20.pddl   | 10001   | 10001  | 10001 | None  | None       | 10001   |
| p21.pddl   | 10001   | 10001  | 10001 | None  | None       | 10001   |
| p22.pddl   | 54      | 54     | 54    | 54    | 54         | 54      |
| p23.pddl   | 54      | 54     | 54    | 54    | 54         | 54      |
| p24.pddl   | 54      | 54     | 54    | 54    | 54         | 54      |
| p25.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p26.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p27.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p28.pddl   | 10001   | 10001  | 10001 | None  | None       | 10001   |
| p29.pddl   | 10001   | 10001  | 10001 | None  | None       | 10001   |
| p30.pddl   | 10001   | 10001  | 10001 | None  | None       | 10001   |

# scanalyzer-opt11-strips

| Expansions | default      | marked       | naive        | psvn         | psvn_split   | watched      |
|------------|--------------|--------------|--------------|--------------|--------------|--------------|
| p01.pddl   | <b>54</b>    | <b>54</b>    | <b>54</b>    | <b>54</b>    | <b>54</b>    | <b>54</b>    |
| p02.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| p03.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| p04.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | None         | <b>10001</b> |
| p05.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | None         | <b>10001</b> |
| p06.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p07.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | None         | <b>10001</b> |
| p08.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | None         | <b>10001</b> |
| p09.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | None         | <b>10001</b> |
| p10.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | None         | <b>10001</b> |
| p11.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p12.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p13.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p14.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p15.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | None         | <b>10001</b> |
| p16.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p17.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | None         | <b>10001</b> |
| p18.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | None         | <b>10001</b> |
| p19.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | None         | <b>10001</b> |
| p20.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | None         | <b>10001</b> |

# snake-opt18-strips

| Expansions | default | marked | naive | psvn | psvn_split | watched |
|------------|---------|--------|-------|------|------------|---------|
| p01.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p02.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p03.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p04.pddl   | 1428    | 2330   | 2330  | None | 2344       | 1893    |
| p05.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p06.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p07.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p08.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p09.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p10.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p11.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p12.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p13.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p14.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p15.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p16.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p17.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p18.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p19.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p20.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |

# sokoban-opt08-strips

| Expansions | default      | marked       | naive        | psvn        | psvn_split   | watched      |
|------------|--------------|--------------|--------------|-------------|--------------|--------------|
| p01.pddl   | 1762         | 1762         | 1762         | 1762        | <b>315</b>   | 1762         |
| p02.pddl   | 1348         | 1348         | 1348         | <b>1347</b> | <b>1347</b>  | 1348         |
| p03.pddl   | 1165         | 1165         | 1165         | 1165        | <b>166</b>   | 1165         |
| p04.pddl   | 10001        | 10001        | 10001        | None        | <b>16</b>    | 10001        |
| p05.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p06.pddl   | 10001        | 10001        | 10001        | None        | <b>7421</b>  | 10001        |
| p07.pddl   | 10001        | 10001        | 10001        | None        | <b>44</b>    | 10001        |
| p08.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p09.pddl   | 10001        | 10001        | 10001        | None        | <b>18</b>    | 10001        |
| p10.pddl   | 10001        | 10001        | 10001        | None        | <b>9996</b>  | 10001        |
| p11.pddl   | 10001        | 10001        | 10001        | None        | <b>245</b>   | 10001        |
| p12.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p13.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p14.pddl   | 10001        | 10001        | 10001        | None        | <b>93</b>    | 10001        |
| p15.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p16.pddl   | 10001        | 10001        | 10001        | None        | <b>409</b>   | 10001        |
| p17.pddl   | 10001        | 10001        | 10001        | None        | <b>1085</b>  | 10001        |
| p18.pddl   | 10001        | 10001        | 10001        | None        | <b>2644</b>  | 10001        |
| p19.pddl   | 10001        | 10001        | 10001        | None        | <b>1314</b>  | 10001        |
| p20.pddl   | 649          | 649          | 649          | None        | <b>115</b>   | 649          |
| p21.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p22.pddl   | 10001        | 10001        | 10001        | None        | <b>137</b>   | 10001        |
| p23.pddl   | 10001        | 10001        | 10001        | None        | <b>1645</b>  | 10001        |
| p24.pddl   | 10001        | 10001        | 10001        | None        | <b>76</b>    | 10001        |
| p25.pddl   | 10001        | 10001        | 10001        | None        | <b>1912</b>  | 10001        |
| p26.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p27.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p28.pddl   | 10001        | 10001        | 10001        | None        | <b>13</b>    | 10001        |
| p29.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p30.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | None         | <b>10001</b> |

# sokoban-opt11-strips

| Expansions | default      | marked       | naive        | psvn | psvn_split   | watched      |
|------------|--------------|--------------|--------------|------|--------------|--------------|
| p01.pddl   | 10001        | 10001        | 10001        | None | <b>7421</b>  | 10001        |
| p02.pddl   | 10001        | 10001        | 10001        | None | <b>1085</b>  | 10001        |
| p03.pddl   | 10001        | 10001        | 10001        | None | <b>93</b>    | 10001        |
| p04.pddl   | 10001        | 10001        | 10001        | None | <b>16</b>    | 10001        |
| p05.pddl   | 10001        | 10001        | 10001        | None | <b>409</b>   | 10001        |
| p06.pddl   | 10001        | 10001        | 10001        | None | <b>245</b>   | 10001        |
| p07.pddl   | 10001        | 10001        | 10001        | None | <b>9996</b>  | 10001        |
| p08.pddl   | 10001        | 10001        | 10001        | None | <b>18</b>    | 10001        |
| p09.pddl   | 10001        | 10001        | 10001        | None | <b>44</b>    | 10001        |
| p10.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p11.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p12.pddl   | 649          | 649          | 649          | None | <b>115</b>   | 649          |
| p13.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p14.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p15.pddl   | 10001        | 10001        | 10001        | None | <b>2644</b>  | 10001        |
| p16.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p17.pddl   | 10001        | 10001        | 10001        | None | <b>1314</b>  | 10001        |
| p18.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | <b>10001</b> | <b>10001</b> |
| p19.pddl   | 10001        | 10001        | 10001        | None | <b>137</b>   | 10001        |
| p20.pddl   | 10001        | 10001        | 10001        | None | <b>1645</b>  | 10001        |

# spider-opt18-strips

| Expansions | default      | marked       | naive        | psvn | psvn_split | watched      |
|------------|--------------|--------------|--------------|------|------------|--------------|
| p01.pddl   | 10001        | 10001        | 10001        | None | <b>2</b>   | 10001        |
| p02.pddl   | <b>8080</b>  | 8084         | 8084         | None | None       | <b>8080</b>  |
| p03.pddl   | 10001        | 10001        | 10001        | None | <b>3</b>   | 10001        |
| p04.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None       | <b>10001</b> |
| p05.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None       | <b>10001</b> |
| p06.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None       | <b>10001</b> |
| p07.pddl   | 5078         | 5079         | 5079         | None | <b>10</b>  | 5078         |
| p08.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None       | <b>10001</b> |
| p09.pddl   | 10001        | 10001        | 10001        | None | <b>4</b>   | 10001        |
| p10.pddl   | 10001        | 10001        | 10001        | None | <b>4</b>   | 10001        |
| p11.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None       | <b>10001</b> |
| p12.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None       | <b>10001</b> |
| p13.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None       | <b>10001</b> |
| p14.pddl   | 10001        | 10001        | 10001        | None | <b>41</b>  | 10001        |
| p15.pddl   | <b>1535</b>  | 1537         | 1537         | None | None       | <b>1535</b>  |
| p16.pddl   | 10001        | 10001        | 10001        | None | <b>4</b>   | 10001        |
| p17.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None       | <b>10001</b> |
| p18.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None       | <b>10001</b> |
| p19.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None       | <b>10001</b> |
| p20.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None       | <b>10001</b> |

## storage

| Expansions | default | marked | naive | psvn | psvn_split | watched |
|------------|---------|--------|-------|------|------------|---------|
| p01.pddl   | 4       | 4      | 4     | 4    | 4          | 4       |
| p02.pddl   | 4       | 4      | 4     | 5    | 4          | 4       |
| p03.pddl   | 4       | 4      | 4     | 6    | 6          | 4       |
| p04.pddl   | 58      | 54     | 54    | 55   | 57         | 52      |
| p05.pddl   | 163     | 159    | 159   | 241  | 183        | 146     |
| p06.pddl   | 307     | 306    | 306   | 433  | 116        | 271     |
| p07.pddl   | 849     | 821    | 821   | 864  | 864        | 760     |
| p08.pddl   | 8576    | 8587   | 8587  | None | 7335       | 7693    |
| p09.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p10.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p11.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p12.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p13.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p14.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p15.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p16.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p17.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p18.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p19.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p20.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p21.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p22.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p23.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p24.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p25.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p26.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p27.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p28.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p29.pddl   | 10001   | 10001  | 10001 | None | None       | 10001   |
| p30.pddl   | 10001   | 10001  | 10001 | None | None       | 10001   |



# termes-opt18-strips

| Expansions | default | marked | naive | psvn  | psvn_split | watched |
|------------|---------|--------|-------|-------|------------|---------|
| p01.pddl   | 10001   | 10001  | 10001 | 10001 | 10001      | 10001   |
| p02.pddl   | 10001   | 10001  | 10001 | 10001 | 10001      | 10001   |
| p03.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p04.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p05.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p06.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p07.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p08.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p09.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p10.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p11.pddl   | 10001   | 10001  | 10001 | 10001 | 10001      | 10001   |
| p12.pddl   | 10001   | 10001  | 10001 | 10001 | 10001      | 10001   |
| p13.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p14.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p15.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p16.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p17.pddl   | 10001   | 10001  | 10001 | 10001 | 10001      | 10001   |
| p18.pddl   | 10001   | 10001  | 10001 | 10001 | 10001      | 10001   |
| p19.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p20.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |

# tetris-opt14-strips

| Expansions  | default      | marked       | naive        | psvn | psvn_split | watched      |
|-------------|--------------|--------------|--------------|------|------------|--------------|
| p01-6.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None       | <b>10001</b> |
| p01-8.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None       | <b>10001</b> |
| p01-10.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None       | <b>10001</b> |
| p02-4.pddl  | <b>180</b>   | <b>180</b>   | <b>180</b>   | None | None       | <b>180</b>   |
| p02-6.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None       | <b>10001</b> |
| p02-8.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None       | <b>10001</b> |
| p02-10.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None       | <b>10001</b> |
| p03-4.pddl  | <b>7497</b>  | 7917         | 7917         | None | None       | 7508         |
| p03-6.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None       | <b>10001</b> |
| p03-8.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None       | <b>10001</b> |
| p03-10.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None       | <b>10001</b> |
| p04-6.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None       | <b>10001</b> |
| p04-8.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None       | <b>10001</b> |
| p04-10.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None       | <b>10001</b> |
| p05-6.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None       | <b>10001</b> |
| p05-8.pddl  | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None       | <b>10001</b> |
| p05-10.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None       | <b>10001</b> |

## tidybot-opt11-strips

| Expansions | default      | marked       | naive        | psvn | psvn_split | watched      |
|------------|--------------|--------------|--------------|------|------------|--------------|
| p01.pddl   | 64           | <b>31</b>    | <b>31</b>    | None | None       | 38           |
| p02.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None       | <b>10001</b> |
| p03.pddl   | 10001        | <b>7276</b>  | <b>7276</b>  | None | None       | 7596         |
| p04.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None       | <b>10001</b> |
| p05.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None       | <b>10001</b> |
| p06.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None       | <b>10001</b> |
| p07.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None       | <b>10001</b> |
| p08.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None       | <b>10001</b> |
| p09.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None       | <b>10001</b> |
| p10.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None       | <b>10001</b> |
| p11.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None       | <b>10001</b> |
| p12.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None       | <b>10001</b> |
| p13.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None       | <b>10001</b> |
| p14.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None       | <b>10001</b> |
| p15.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None       | <b>10001</b> |
| p16.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None       | <b>10001</b> |
| p17.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None       | <b>10001</b> |
| p18.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None       | <b>10001</b> |
| p19.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None       | <b>10001</b> |
| p20.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None | None       | <b>10001</b> |

# tidybot-opt14-strips

| Expansions | default | marked | naive | psvn | psvn_split | watched |
|------------|---------|--------|-------|------|------------|---------|
| p01.pddl   | 10001   | 10001  | 10001 | None | None       | 10001   |
| p02.pddl   | 10001   | 10001  | 10001 | None | None       | 10001   |
| p03.pddl   | 10001   | 10001  | 10001 | None | None       | 10001   |
| p04.pddl   | 10001   | 10001  | 10001 | None | None       | 10001   |
| p05.pddl   | 10001   | 10001  | 10001 | None | None       | 10001   |
| p06.pddl   | 10001   | 10001  | 10001 | None | None       | 10001   |
| p07.pddl   | 10001   | 10001  | 10001 | None | None       | 10001   |
| p08.pddl   | 10001   | 10001  | 10001 | None | None       | 10001   |
| p09.pddl   | 10001   | 10001  | 10001 | None | None       | 10001   |
| p10.pddl   | 10001   | 10001  | 10001 | None | None       | 10001   |
| p11.pddl   | 10001   | 10001  | 10001 | None | None       | 10001   |
| p12.pddl   | 10001   | 10001  | 10001 | None | None       | 10001   |
| p13.pddl   | 10001   | 10001  | 10001 | None | None       | 10001   |
| p14.pddl   | 10001   | 10001  | 10001 | None | None       | 10001   |
| p15.pddl   | 10001   | 10001  | 10001 | None | None       | 10001   |
| p16.pddl   | 10001   | 10001  | 10001 | None | None       | 10001   |
| p17.pddl   | 10001   | 10001  | 10001 | None | None       | 10001   |
| p18.pddl   | 10001   | 10001  | 10001 | None | None       | 10001   |
| p19.pddl   | 10001   | 10001  | 10001 | None | None       | 10001   |
| p20.pddl   | 10001   | 10001  | 10001 | None | None       | 10001   |

# tpp

| Expansions | default      | marked       | naive        | psvn         | psvn_split   | watched      |
|------------|--------------|--------------|--------------|--------------|--------------|--------------|
| p01.pddl   | 7            | 7            | 7            | 7            | <b>6</b>     | 7            |
| p02.pddl   | 27           | 27           | 27           | 27           | <b>24</b>    | 27           |
| p03.pddl   | 119          | 119          | 119          | 119          | <b>96</b>    | 116          |
| p04.pddl   | 498          | 498          | 498          | 498          | <b>384</b>   | 494          |
| p05.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| p06.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p07.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p08.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p09.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p10.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p11.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p12.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p13.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p14.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p15.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p16.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p17.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p18.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p19.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p20.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p21.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p22.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | None         | <b>10001</b> |
| p23.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | None         | <b>10001</b> |
| p24.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p25.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | None         | <b>10001</b> |
| p26.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | None         | <b>10001</b> |
| p27.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | None         | <b>10001</b> |
| p28.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | None         | <b>10001</b> |
| p29.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | None         | <b>10001</b> |
| p30.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | None         | <b>10001</b> |

# transport-opt08-strips

| Expansions | default      | marked       | naive        | psvn         | psvn_split   | watched      |
|------------|--------------|--------------|--------------|--------------|--------------|--------------|
| p01.pddl   | <b>65</b>    | <b>65</b>    | <b>65</b>    | <b>65</b>    | <b>65</b>    | <b>65</b>    |
| p02.pddl   | <b>2290</b>  | 2291         | 2291         | <b>2290</b>  | <b>2290</b>  | <b>2290</b>  |
| p03.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p04.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p05.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p06.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p07.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p08.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | None         | <b>10001</b> |
| p09.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p10.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p11.pddl   | <b>169</b>   | <b>169</b>   | <b>169</b>   | <b>169</b>   | <b>169</b>   | <b>169</b>   |
| p12.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| p13.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p14.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p15.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p16.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p17.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p18.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p19.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p20.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | None         | <b>10001</b> |
| p21.pddl   | 114          | 114          | 114          | 114          | <b>108</b>   | 119          |
| p22.pddl   | 7680         | 7680         | 7680         | 7680         | <b>7540</b>  | 7680         |
| p23.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p24.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p25.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p26.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p27.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p28.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p29.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p30.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |

# transport-opt11-strips

| Expansions | default      | marked       | naive        | psvn         | psvn_split   | watched      |
|------------|--------------|--------------|--------------|--------------|--------------|--------------|
| p01.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p02.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p03.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| p04.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p05.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p06.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p07.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p08.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p09.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p10.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p11.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p12.pddl   | 10001        | 10001        | 10001        | None         | <b>216</b>   | 10001        |
| p13.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p14.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p15.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p16.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p17.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p18.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p19.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p20.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |

# transport-opt14-strips

| Expansions | default | marked | naive | psvn  | psvn_split | watched |
|------------|---------|--------|-------|-------|------------|---------|
| p01.pddl   | 10001   | 10001  | 10001 | 10001 | 10001      | 10001   |
| p02.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p03.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p04.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p05.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p06.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p07.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p08.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p09.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p10.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p11.pddl   | 10001   | 10001  | 10001 | None  | None       | 10001   |
| p12.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p13.pddl   | 10001   | 10001  | 10001 | None  | 1573       | 10001   |
| p14.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p15.pddl   | 10001   | 10001  | 10001 | None  | None       | 10001   |
| p16.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p17.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p18.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p19.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |
| p20.pddl   | 10001   | 10001  | 10001 | None  | 10001      | 10001   |



## trucks-strips

| Expansions | default      | marked       | naive        | psvn         | psvn_split   | watched      |
|------------|--------------|--------------|--------------|--------------|--------------|--------------|
| p01.pddl   | 4904         | 4880         | 4880         | 4881         | 4880         | <b>4789</b>  |
| p02.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| p03.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| p04.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p05.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p06.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p07.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p08.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p09.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p10.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p11.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p12.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p13.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p14.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p15.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p16.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p17.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p18.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p19.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p20.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p21.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p22.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p23.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | None         | <b>10001</b> |
| p24.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | None         | <b>10001</b> |
| p25.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p26.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | None         | <b>10001</b> |
| p27.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | None         | <b>10001</b> |
| p28.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | None         | <b>10001</b> |
| p29.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | None         | <b>10001</b> |
| p30.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | None         | <b>10001</b> |

# visitall-opt11-strips

| Expansions          | default      | marked       | naive        | psvn         | psvn_split   | watched      |
|---------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| problem02-full.pddl | 5            | 5            | 5            | 5            | 4            | 6            |
| problem02-half.pddl | <b>2</b>     | <b>2</b>     | <b>2</b>     | <b>2</b>     | 4            | <b>2</b>     |
| problem03-full.pddl | 358          | 358          | 358          | 358          | <b>323</b>   | 358          |
| problem03-half.pddl | 55           | 55           | 55           | 55           | 55           | <b>42</b>    |
| problem04-full.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| problem04-half.pddl | 671          | 671          | 671          | 671          | 682          | <b>523</b>   |
| problem05-full.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| problem05-half.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| problem06-full.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| problem06-half.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| problem07-full.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| problem07-half.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| problem08-full.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| problem08-half.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| problem09-full.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| problem09-half.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| problem10-full.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| problem10-half.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| problem11-full.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| problem11-half.pddl | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |

**visitall-opt14-strips**

| Expansions   | default | marked | naive | psvn  | psvn_split | watched |
|--------------|---------|--------|-------|-------|------------|---------|
| p-1-5.pddl   | 10001   | 10001  | 10001 | 10001 | 10001      | 10001   |
| p-1-6.pddl   | 10001   | 10001  | 10001 | 10001 | 10001      | 10001   |
| p-1-7.pddl   | 10001   | 10001  | 10001 | 10001 | 10001      | 10001   |
| p-1-8.pddl   | 10001   | 10001  | 10001 | 10001 | 10001      | 10001   |
| p-1-9.pddl   | 10001   | 10001  | 10001 | 10001 | 10001      | 10001   |
| p-1-10.pddl  | 10001   | 10001  | 10001 | 10001 | 10001      | 10001   |
| p-1-11.pddl  | 10001   | 10001  | 10001 | 10001 | 10001      | 10001   |
| p-1-12.pddl  | 10001   | 10001  | 10001 | 10001 | 10001      | 10001   |
| p-1-13.pddl  | 10001   | 10001  | 10001 | 10001 | 10001      | 10001   |
| p-1-14.pddl  | 10001   | 10001  | 10001 | 10001 | 10001      | 10001   |
| p-1-15.pddl  | 10001   | 10001  | 10001 | 10001 | 10001      | 10001   |
| p-1-16.pddl  | 10001   | 10001  | 10001 | 10001 | 10001      | 10001   |
| p-1-17.pddl  | 10001   | 10001  | 10001 | 10001 | 10001      | 10001   |
| p-1-18.pddl  | 10001   | 10001  | 10001 | 10001 | 10001      | 10001   |
| p-05-5.pddl  | 10001   | 10001  | 10001 | 10001 | 10001      | 10001   |
| p-05-6.pddl  | 10001   | 10001  | 10001 | 10001 | 10001      | 10001   |
| p-05-7.pddl  | 10001   | 10001  | 10001 | 10001 | 10001      | 10001   |
| p-05-8.pddl  | 10001   | 10001  | 10001 | 10001 | 10001      | 10001   |
| p-05-9.pddl  | 10001   | 10001  | 10001 | 10001 | 10001      | 10001   |
| p-05-10.pddl | 10001   | 10001  | 10001 | 10001 | 10001      | 10001   |

## woodworking-opt08-strips

| Expansions | default      | marked       | naive        | psvn        | psvn_split   | watched      |
|------------|--------------|--------------|--------------|-------------|--------------|--------------|
| p01.pddl   | <b>9798</b>  | <b>9798</b>  | <b>9798</b>  | None        | 10001        | <b>9798</b>  |
| p02.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p03.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p04.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p05.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p06.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p07.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p08.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p09.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p10.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p11.pddl   | <b>4151</b>  | <b>4151</b>  | <b>4151</b>  | <b>4151</b> | 4863         | <b>4151</b>  |
| p12.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p13.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p14.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p15.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p16.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p17.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p18.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p19.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p20.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p21.pddl   | <b>266</b>   | <b>266</b>   | <b>266</b>   | <b>266</b>  | <b>266</b>   | <b>266</b>   |
| p22.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p23.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p24.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p25.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p26.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p27.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p28.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p29.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |
| p30.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None        | <b>10001</b> | <b>10001</b> |

# woodworking-opt11-strips

| Expansions | default | marked | naive | psvn | psvn_split | watched |
|------------|---------|--------|-------|------|------------|---------|
| p01.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p02.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p03.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p04.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p05.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p06.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p07.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p08.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p09.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p10.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p11.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p12.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p13.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p14.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p15.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p16.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p17.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p18.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p19.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |
| p20.pddl   | 10001   | 10001  | 10001 | None | 10001      | 10001   |

## zenotravel

| Expansions | default      | marked       | naive        | psvn         | psvn_split   | watched      |
|------------|--------------|--------------|--------------|--------------|--------------|--------------|
| p01.pddl   | <b>2</b>     | <b>2</b>     | <b>2</b>     | <b>2</b>     | <b>2</b>     | <b>2</b>     |
| p02.pddl   | 58           | 54           | 54           | 58           | 58           | <b>47</b>    |
| p03.pddl   | 6043         | <b>2485</b>  | <b>2485</b>  | 6043         | 6043         | 6035         |
| p04.pddl   | 6724         | 6240         | 6240         | <b>4798</b>  | <b>4798</b>  | 6780         |
| p05.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| p06.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| p07.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> | <b>10001</b> |
| p08.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p09.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p10.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p11.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p12.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p13.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p14.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p15.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p16.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p17.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p18.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p19.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |
| p20.pddl   | <b>10001</b> | <b>10001</b> | <b>10001</b> | None         | <b>10001</b> | <b>10001</b> |

## expansions\_until\_last\_jump

| Expansions until last jump         | default       | marked        | naive         | psvn          | psvn_split     | watched       |
|------------------------------------|---------------|---------------|---------------|---------------|----------------|---------------|
| airport (9)                        | 1783          | 1783          | 1783          | 1783          | <b>992</b>     | 1783          |
| blocks (6)                         | <b>1797</b>   | <b>1797</b>   | <b>1797</b>   | <b>1797</b>   | <b>1797</b>    | <b>1797</b>   |
| depot (1)                          | 319           | 319           | 319           | 319           | <b>302</b>     | 319           |
| driverlog (4)                      | 20337         | 20337         | 20337         | 20337         | <b>19441</b>   | 20337         |
| elevators-opt08-strips (1)         | 9000          | 9000          | 9000          | 9000          | <b>8455</b>    | 9000          |
| floortile-opt11-strips (4)         | <b>29426</b>  | <b>29426</b>  | <b>29426</b>  | <b>29426</b>  | 33086          | <b>29426</b>  |
| floortile-opt14-strips (2)         | <b>14984</b>  | <b>14984</b>  | <b>14984</b>  | <b>14984</b>  | 16165          | <b>14984</b>  |
| ged-opt14-strips (3)               | <b>66</b>     | <b>66</b>     | <b>66</b>     | <b>66</b>     | <b>66</b>      | <b>66</b>     |
| gripper (4)                        | 20724         | 20724         | 20724         | 20724         | <b>12013</b>   | 20724         |
| hiking-opt14-strips (7)            | <b>34557</b>  | <b>34557</b>  | <b>34557</b>  | <b>34557</b>  | 35922          | <b>34557</b>  |
| logistics00 (10)                   | 76760         | 76760         | 76760         | 76760         | <b>72040</b>   | 76760         |
| logistics98 (2)                    | <b>16387</b>  | <b>16387</b>  | <b>16387</b>  | <b>16387</b>  | 19325          | <b>16387</b>  |
| miconic (150)                      | 733355        | 733355        | 733355        | 733355        | <b>733164</b>  | 733355        |
| mystery (2)                        | <b>52</b>     | <b>52</b>     | <b>52</b>     | <b>52</b>     | <b>52</b>      | <b>52</b>     |
| nomystery-opt11-strips (6)         | <b>33805</b>  | <b>33805</b>  | <b>33805</b>  | <b>33805</b>  | 37779          | <b>33805</b>  |
| openstacks-opt08-strips (4)        | <b>2516</b>   | <b>2516</b>   | <b>2516</b>   | <b>2516</b>   | <b>2516</b>    | <b>2516</b>   |
| openstacks-strips (5)              | <b>23945</b>  | <b>23945</b>  | <b>23945</b>  | <b>23945</b>  | <b>23945</b>   | <b>23945</b>  |
| organic-synthesis-opt18-strips (4) | <b>2</b>      | <b>2</b>      | <b>2</b>      | <b>2</b>      | <b>2</b>       | <b>2</b>      |
| parcprinter-08-strips (7)          | <b>15378</b>  | <b>15378</b>  | <b>15378</b>  | <b>15378</b>  | 16643          | <b>15378</b>  |
| parcprinter-opt11-strips (3)       | <b>10266</b>  | <b>10266</b>  | <b>10266</b>  | <b>10266</b>  | 13223          | <b>10266</b>  |
| pegsol-08-strips (2)               | <b>288</b>    | <b>288</b>    | <b>288</b>    | <b>288</b>    | <b>288</b>     | <b>288</b>    |
| psr-small (45)                     | 66178         | 66178         | 66178         | 66178         | <b>12523</b>   | 66178         |
| rovers (6)                         | 17554         | 17554         | 17554         | 17554         | <b>16637</b>   | 17554         |
| satellite (5)                      | 17287         | 17287         | 17287         | 17287         | <b>17197</b>   | 17287         |
| scanalyzer-08-strips (6)           | <b>25381</b>  | <b>25381</b>  | <b>25381</b>  | <b>25381</b>  | <b>25381</b>   | <b>25381</b>  |
| scanalyzer-opt11-strips (3)        | <b>16812</b>  | <b>16812</b>  | <b>16812</b>  | <b>16812</b>  | <b>16812</b>   | <b>16812</b>  |
| sokoban-opt08-strips (3)           | 4180          | 4180          | 4180          | 4180          | <b>1707</b>    | 4180          |
| storage (7)                        | 1213          | 1213          | 1213          | 1213          | <b>1005</b>    | 1213          |
| termes-opt18-strips (6)            | 51176         | 51176         | 51176         | 51176         | <b>50610</b>   | 51176         |
| tpp (5)                            | <b>9005</b>   | <b>9005</b>   | <b>9005</b>   | <b>9005</b>   | 9406           | <b>9005</b>   |
| transport-opt08-strips (6)         | <b>19826</b>  | <b>19826</b>  | <b>19826</b>  | <b>19826</b>  | 19990          | <b>19826</b>  |
| transport-opt11-strips (1)         | <b>9639</b>   | <b>9639</b>   | <b>9639</b>   | <b>9639</b>   | 9953           | <b>9639</b>   |
| transport-opt14-strips (1)         | <b>9979</b>   | <b>9979</b>   | <b>9979</b>   | <b>9979</b>   | <b>9979</b>    | <b>9979</b>   |
| trucks-strips (3)                  | 20283         | 20283         | 20283         | 20283         | <b>19440</b>   | 20283         |
| visitall-opt11-strips (20)         | <b>96114</b>  | <b>96114</b>  | <b>96114</b>  | <b>96114</b>  | 100517         | <b>96114</b>  |
| visitall-opt14-strips (20)         | <b>100843</b> | <b>100843</b> | <b>100843</b> | <b>100843</b> | 110154         | <b>100843</b> |
| woodworking-opt08-strips (2)       | <b>4415</b>   | <b>4415</b>   | <b>4415</b>   | <b>4415</b>   | 5127           | <b>4415</b>   |
| zenotravel (7)                     | 20992         | 20992         | 20992         | 20992         | <b>20940</b>   | 20992         |
| <b>Sum (382)</b>                   | 1536624       | 1536624       | 1536624       | 1536624       | <b>1494594</b> | 1536624       |

Only instances where all algorithms have a value for "expansions\_until\_last\_jump" are considered. Each table entry gives the sum of "expansions\_until\_last\_jump" for that domain. The last row reports the sum across all domains.

### agricola-opt18-strips

| Expansions until last jump | default     | marked      | naive       | psvn | psvn_split  | watched     |
|----------------------------|-------------|-------------|-------------|------|-------------|-------------|
| p01.pddl                   | 7091        | 7091        | 7091        | None | <b>7067</b> | 7091        |
| p02.pddl                   | 9257        | 9257        | 9257        | None | <b>8795</b> | 9257        |
| p03.pddl                   | <b>9495</b> | <b>9495</b> | <b>9495</b> | None | None        | <b>9495</b> |
| p04.pddl                   | <b>7067</b> | <b>7067</b> | <b>7067</b> | None | <b>7067</b> | <b>7067</b> |
| p05.pddl                   | 7137        | 7137        | 7137        | None | <b>7070</b> | 7137        |
| p06.pddl                   | <b>9500</b> | <b>9500</b> | <b>9500</b> | None | None        | <b>9500</b> |
| p07.pddl                   | 5082        | 5082        | 5082        | None | <b>5056</b> | 5082        |
| p08.pddl                   | <b>8045</b> | <b>8045</b> | <b>8045</b> | None | None        | <b>8045</b> |
| p09.pddl                   | <b>8399</b> | <b>8399</b> | <b>8399</b> | None | None        | <b>8399</b> |
| p10.pddl                   | <b>6060</b> | <b>6060</b> | <b>6060</b> | None | None        | <b>6060</b> |
| p11.pddl                   | <b>6271</b> | <b>6271</b> | <b>6271</b> | None | None        | <b>6271</b> |
| p12.pddl                   | <b>6358</b> | <b>6358</b> | <b>6358</b> | None | None        | <b>6358</b> |
| p13.pddl                   | <b>6060</b> | <b>6060</b> | <b>6060</b> | None | None        | <b>6060</b> |
| p14.pddl                   | <b>8045</b> | <b>8045</b> | <b>8045</b> | None | None        | <b>8045</b> |
| p15.pddl                   | <b>4214</b> | <b>4214</b> | <b>4214</b> | None | None        | <b>4214</b> |
| p16.pddl                   | <b>7901</b> | <b>7901</b> | <b>7901</b> | None | None        | <b>7901</b> |
| p17.pddl                   | <b>7137</b> | <b>7137</b> | <b>7137</b> | None | None        | <b>7137</b> |
| p18.pddl                   | <b>9495</b> | <b>9495</b> | <b>9495</b> | None | None        | <b>9495</b> |
| p19.pddl                   | <b>7050</b> | <b>7050</b> | <b>7050</b> | None | None        | <b>7050</b> |
| p20.pddl                   | <b>7137</b> | <b>7137</b> | <b>7137</b> | None | 8710        | <b>7137</b> |



## airport

| Expansions until last jump   | default | marked | naive | psvn | psvn_split | watched |
|------------------------------|---------|--------|-------|------|------------|---------|
| p01-airport1-p1.pddl         | 8       | 8      | 8     | 8    | 8          | 8       |
| p02-airport1-p1.pddl         | 14      | 14     | 14    | 14   | 14         | 14      |
| p03-airport1-p2.pddl         | 164     | 164    | 164   | 164  | 164        | 164     |
| p04-airport2-p1.pddl         | 20      | 20     | 20    | 20   | 20         | 20      |
| p05-airport2-p1.pddl         | 29      | 29     | 29    | 29   | 29         | 29      |
| p06-airport2-p2.pddl         | 750     | 750    | 750   | 750  | 334        | 750     |
| p07-airport2-p2.pddl         | 750     | 750    | 750   | 750  | 375        | 750     |
| p08-airport2-p3.pddl         | 9960    | 9960   | 9960  | None | None       | 9960    |
| p09-airport2-p4.pddl         | 8538    | 8538   | 8538  | None | 10         | 8538    |
| p10-airport3-p1.pddl         | 19      | 19     | 19    | 19   | 19         | 19      |
| p11-airport3-p1.pddl         | 29      | 29     | 29    | 29   | 29         | 29      |
| p12-airport3-p2.pddl         | 891     | 891    | 891   | None | 58         | 891     |
| p13-airport3-p2.pddl         | 829     | 829    | 829   | None | 94         | 829     |
| p14-airport3-p3.pddl         | 9976    | 9976   | 9976  | None | 5          | 9976    |
| p15-airport3-p3.pddl         | 9817    | 9817   | 9817  | None | 166        | 9817    |
| p16-airport3-p4.pddl         | 9959    | 9959   | 9959  | None | None       | 9959    |
| p17-airport3-p5.pddl         | 8169    | 8169   | 8169  | None | 215        | 8169    |
| p18-airport3-p6.pddl         | 5922    | 5922   | 5922  | None | 9545       | 5922    |
| p19-airport3-p6.pddl         | 8564    | 8564   | 8564  | None | None       | 8564    |
| p20-airport3-p7.pddl         | 6035    | 6035   | 6035  | None | None       | 6035    |
| p21-airport4halfMUC-p2.pddl  | 9890    | 9890   | 9890  | None | None       | 9890    |
| p22-airport4halfMUC-p3.pddl  | 9819    | 9819   | 9819  | None | None       | 9819    |
| p23-airport4halfMUC-p4.pddl  | 9913    | 9913   | 9913  | None | 38         | 9913    |
| p24-airport4halfMUC-p4.pddl  | 9680    | 9680   | 9680  | None | None       | 9680    |
| p25-airport4halfMUC-p5.pddl  | 9112    | 9112   | 9112  | None | None       | 9112    |
| p26-airport4halfMUC-p6.pddl  | 8213    | 8213   | 8213  | None | None       | 8213    |
| p27-airport4halfMUC-p6.pddl  | 3285    | 3285   | 3285  | None | None       | 3285    |
| p28-airport4halfMUC-p7.pddl  | 4240    | 4240   | 4240  | None | None       | 4240    |
| p29-airport4halfMUC-p8.pddl  | 5375    | 5375   | 5375  | None | None       | 5375    |
| p30-airport4halfMUC-p8.pddl  | 1971    | 1971   | 1971  | None | None       | 1971    |
| p31-airport4halfMUC-p9.pddl  | 2257    | 2257   | 2257  | None | None       | 2257    |
| p32-airport4halfMUC-p10.pddl | 2568    | 2568   | 2568  | None | None       | 2568    |
| p33-airport4halfMUC-p10.pddl | 3214    | 3214   | 3214  | None | None       | 3214    |
| p34-airport4halfMUC-p11.pddl | 3604    | 3604   | 3604  | None | None       | 3604    |
| p35-airport4halfMUC-p12.pddl | 3605    | 3605   | 3605  | None | None       | 3605    |
| p36-airport5MUC-p2.pddl      | 9902    | 9902   | 9902  | None | None       | 9902    |
| p37-airport5MUC-p3.pddl      | 8358    | 8358   | 8358  | None | None       | 8358    |
| p38-airport5MUC-p3.pddl      | 8589    | 8589   | 8589  | None | None       | 8589    |
| p39-airport5MUC-p4.pddl      | 7801    | 7801   | 7801  | None | None       | 7801    |
| p40-airport5MUC-p4.pddl      | 9952    | 9952   | 9952  | None | None       | 9952    |
| p41-airport5MUC-p4.pddl      | 9211    | 9211   | 9211  | None | None       | 9211    |
| p42-airport5MUC-p5.pddl      | 5094    | 5094   | 5094  | None | None       | 5094    |
| p43-airport5MUC-p5.pddl      | 5672    | 5672   | 5672  | None | None       | 5672    |

### barman-opt11-strips

| Expansions until last jump | default | marked | naive | psvn | psvn_split  | watched |
|----------------------------|---------|--------|-------|------|-------------|---------|
| pfile01-001.pddl           | 9181    | 9181   | 9181  | None | <b>8768</b> | 9181    |
| pfile01-002.pddl           | 9181    | 9181   | 9181  | None | <b>8768</b> | 9181    |
| pfile01-003.pddl           | 9181    | 9181   | 9181  | None | <b>8768</b> | 9181    |
| pfile01-004.pddl           | 9181    | 9181   | 9181  | None | <b>8768</b> | 9181    |
| pfile02-005.pddl           | 6697    | 6697   | 6697  | None | <b>6104</b> | 6697    |
| pfile02-006.pddl           | 6697    | 6697   | 6697  | None | <b>6104</b> | 6697    |
| pfile02-007.pddl           | 6697    | 6697   | 6697  | None | <b>6104</b> | 6697    |
| pfile02-008.pddl           | 6697    | 6697   | 6697  | None | <b>6104</b> | 6697    |
| pfile03-009.pddl           | 4224    | 4224   | 4224  | None | <b>4128</b> | 4224    |
| pfile03-010.pddl           | 4224    | 4224   | 4224  | None | <b>4128</b> | 4224    |
| pfile03-011.pddl           | 4224    | 4224   | 4224  | None | <b>4128</b> | 4224    |
| pfile03-012.pddl           | 4224    | 4224   | 4224  | None | <b>4128</b> | 4224    |
| pfile04-013.pddl           | 8524    | 8524   | 8524  | None | <b>6760</b> | 8524    |
| pfile04-014.pddl           | 8524    | 8524   | 8524  | None | <b>6760</b> | 8524    |
| pfile04-015.pddl           | 8524    | 8524   | 8524  | None | <b>6760</b> | 8524    |
| pfile04-016.pddl           | 8524    | 8524   | 8524  | None | <b>6760</b> | 8524    |
| pfile05-017.pddl           | 9489    | 9489   | 9489  | None | <b>9025</b> | 9489    |
| pfile05-018.pddl           | 9489    | 9489   | 9489  | None | <b>9025</b> | 9489    |
| pfile05-019.pddl           | 9489    | 9489   | 9489  | None | <b>9025</b> | 9489    |
| pfile05-020.pddl           | 9489    | 9489   | 9489  | None | <b>9025</b> | 9489    |

### barman-opt14-strips

| Expansions until last jump | default | marked | naive | psvn | psvn_split  | watched |
|----------------------------|---------|--------|-------|------|-------------|---------|
| p435-1.pddl                | 6727    | 6727   | 6727  | None | <b>6128</b> | 6727    |
| p435-2.pddl                | 6727    | 6727   | 6727  | None | <b>6128</b> | 6727    |
| p435-3.pddl                | 6727    | 6727   | 6727  | None | <b>6128</b> | 6727    |
| p536-1.pddl                | 3138    | 3138   | 3138  | None | <b>3041</b> | 3138    |
| p536-2.pddl                | 3138    | 3138   | 3138  | None | <b>3041</b> | 3138    |
| p536-3.pddl                | 3138    | 3138   | 3138  | None | <b>3041</b> | 3138    |
| p638-1.pddl                | 5830    | 5830   | 5830  | None | <b>4569</b> | 5830    |
| p638-2.pddl                | 5830    | 5830   | 5830  | None | <b>4569</b> | 5830    |
| p638-3.pddl                | 5830    | 5830   | 5830  | None | <b>4569</b> | 5830    |
| p739-1.pddl                | 7566    | 7566   | 7566  | None | <b>6072</b> | 7566    |
| p739-2.pddl                | 7566    | 7566   | 7566  | None | <b>6072</b> | 7566    |
| p739-3.pddl                | 7566    | 7566   | 7566  | None | <b>6072</b> | 7566    |
| p839-1.pddl                | 7566    | 7566   | 7566  | None | <b>6655</b> | 7566    |
| p839-2.pddl                | 7566    | 7566   | 7566  | None | <b>6655</b> | 7566    |

## blocks

| Expansions until last jump | default     | marked      | naive       | psvn       | psvn_split  | watched     |
|----------------------------|-------------|-------------|-------------|------------|-------------|-------------|
| probBLOCKS-4-0.pddl        | <b>77</b>   | <b>77</b>   | <b>77</b>   | <b>77</b>  | <b>77</b>   | <b>77</b>   |
| probBLOCKS-4-1.pddl        | <b>48</b>   | <b>48</b>   | <b>48</b>   | <b>48</b>  | <b>48</b>   | <b>48</b>   |
| probBLOCKS-4-2.pddl        | <b>43</b>   | <b>43</b>   | <b>43</b>   | <b>43</b>  | <b>43</b>   | <b>43</b>   |
| probBLOCKS-5-0.pddl        | <b>459</b>  | <b>459</b>  | <b>459</b>  | <b>459</b> | <b>459</b>  | <b>459</b>  |
| probBLOCKS-5-1.pddl        | <b>440</b>  | <b>440</b>  | <b>440</b>  | <b>440</b> | <b>440</b>  | <b>440</b>  |
| probBLOCKS-5-2.pddl        | <b>730</b>  | <b>730</b>  | <b>730</b>  | <b>730</b> | <b>730</b>  | <b>730</b>  |
| probBLOCKS-6-0.pddl        | 1385        | 1385        | 1385        | None       | <b>37</b>   | 1385        |
| probBLOCKS-6-1.pddl        | <b>3817</b> | <b>3817</b> | <b>3817</b> | None       | 4699        | <b>3817</b> |
| probBLOCKS-6-2.pddl        | 6317        | 6317        | 6317        | None       | <b>0</b>    | 6317        |
| probBLOCKS-7-0.pddl        | 7145        | 7145        | 7145        | None       | <b>1</b>    | 7145        |
| probBLOCKS-7-1.pddl        | 6395        | 6395        | 6395        | None       | <b>1199</b> | 6395        |
| probBLOCKS-7-2.pddl        | 6395        | 6395        | 6395        | None       | <b>1199</b> | 6395        |
| probBLOCKS-8-0.pddl        | 6044        | 6044        | 6044        | None       | <b>1188</b> | 6044        |
| probBLOCKS-8-1.pddl        | <b>4977</b> | <b>4977</b> | <b>4977</b> | None       | 6981        | <b>4977</b> |
| probBLOCKS-8-2.pddl        | 9392        | 9392        | 9392        | None       | <b>258</b>  | 9392        |
| probBLOCKS-9-0.pddl        | 8537        | 8537        | 8537        | None       | <b>2</b>    | 8537        |
| probBLOCKS-9-1.pddl        | 8537        | 8537        | 8537        | None       | <b>1</b>    | 8537        |
| probBLOCKS-9-2.pddl        | 8537        | 8537        | 8537        | None       | <b>5235</b> | 8537        |
| probBLOCKS-10-0.pddl       | 8537        | 8537        | 8537        | None       | <b>14</b>   | 8537        |
| probBLOCKS-10-1.pddl       | <b>5301</b> | <b>5301</b> | <b>5301</b> | None       | 6420        | <b>5301</b> |
| probBLOCKS-10-2.pddl       | 8537        | 8537        | 8537        | None       | <b>2</b>    | 8537        |
| probBLOCKS-11-0.pddl       | <b>5544</b> | <b>5544</b> | <b>5544</b> | None       | 9214        | <b>5544</b> |
| probBLOCKS-11-1.pddl       | <b>6766</b> | <b>6766</b> | <b>6766</b> | None       | 7977        | <b>6766</b> |
| probBLOCKS-11-2.pddl       | 5301        | 5301        | 5301        | None       | <b>493</b>  | 5301        |
| probBLOCKS-12-0.pddl       | 7019        | 7019        | 7019        | None       | <b>2</b>    | 7019        |
| probBLOCKS-12-1.pddl       | 8277        | 8277        | 8277        | None       | <b>0</b>    | 8277        |
| probBLOCKS-13-0.pddl       | 7019        | 7019        | 7019        | None       | <b>17</b>   | 7019        |
| probBLOCKS-13-1.pddl       | 8277        | 8277        | 8277        | None       | <b>1</b>    | 8277        |
| probBLOCKS-14-0.pddl       | 5206        | 5206        | 5206        | None       | <b>1061</b> | 5206        |
| probBLOCKS-14-1.pddl       | 5512        | 5512        | 5512        | None       | <b>3541</b> | 5512        |
| probBLOCKS-15-0.pddl       | 7033        | 7033        | 7033        | None       | <b>3324</b> | 7033        |
| probBLOCKS-15-1.pddl       | 8277        | 8277        | 8277        | None       | <b>30</b>   | 8277        |
| probBLOCKS-16-1.pddl       | <b>5544</b> | <b>5544</b> | <b>5544</b> | None       | 6196        | <b>5544</b> |
| probBLOCKS-16-2.pddl       | <b>8277</b> | <b>8277</b> | <b>8277</b> | None       | 8308        | <b>8277</b> |
| probBLOCKS-17-0.pddl       | <b>5882</b> | <b>5882</b> | <b>5882</b> | None       | 7876        | <b>5882</b> |

## childsnack-opt14-strips

| Expansions until last jump | default     | marked      | naive       | psvn | psvn_split  | watched     |
|----------------------------|-------------|-------------|-------------|------|-------------|-------------|
| child-snack_pfile01-2.pddl | 327         | 327         | 327         | None | <b>305</b>  | 327         |
| child-snack_pfile01.pddl   | 327         | 327         | 327         | None | <b>305</b>  | 327         |
| child-snack_pfile02-2.pddl | 537         | 537         | 537         | None | <b>490</b>  | 537         |
| child-snack_pfile02.pddl   | 537         | 537         | 537         | None | <b>490</b>  | 537         |
| child-snack_pfile03-2.pddl | 810         | 810         | 810         | None | <b>709</b>  | 810         |
| child-snack_pfile03.pddl   | 810         | 810         | 810         | None | <b>709</b>  | 810         |
| child-snack_pfile04-2.pddl | 1090        | 1090        | 1090        | None | <b>994</b>  | 1090        |
| child-snack_pfile04.pddl   | 1090        | 1090        | 1090        | None | <b>994</b>  | 1090        |
| child-snack_pfile05-2.pddl | 1518        | 1518        | 1518        | None | <b>1420</b> | 1518        |
| child-snack_pfile05.pddl   | 1518        | 1518        | 1518        | None | <b>1420</b> | 1518        |
| child-snack_pfile06-2.pddl | <b>2065</b> | <b>2065</b> | <b>2065</b> | None | None        | <b>2065</b> |
| child-snack_pfile06.pddl   | <b>2065</b> | <b>2065</b> | <b>2065</b> | None | None        | <b>2065</b> |
| child-snack_pfile07-2.pddl | 2570        | 2570        | 2570        | None | <b>2367</b> | 2570        |
| child-snack_pfile07.pddl   | 2570        | 2570        | 2570        | None | <b>2367</b> | 2570        |
| child-snack_pfile08-2.pddl | <b>3308</b> | <b>3308</b> | <b>3308</b> | None | None        | <b>3308</b> |
| child-snack_pfile08.pddl   | <b>3308</b> | <b>3308</b> | <b>3308</b> | None | None        | <b>3308</b> |
| child-snack_pfile09-2.pddl | <b>4209</b> | <b>4209</b> | <b>4209</b> | None | None        | <b>4209</b> |
| child-snack_pfile09.pddl   | <b>4209</b> | <b>4209</b> | <b>4209</b> | None | None        | <b>4209</b> |
| child-snack_pfile10-2.pddl | 5230        | 5230        | 5230        | None | <b>4800</b> | 5230        |
| child-snack_pfile10.pddl   | 5230        | 5230        | 5230        | None | <b>4800</b> | 5230        |

## data-network-opt18-strips

| Expansions until last jump | default     | marked      | naive       | psvn | psvn_split  | watched     |
|----------------------------|-------------|-------------|-------------|------|-------------|-------------|
| p01.pddl                   | 4380        | 4380        | 4380        | None | <b>4297</b> | 4380        |
| p02.pddl                   | 3293        | 3293        | 3293        | None | <b>3033</b> | 3293        |
| p03.pddl                   | 8816        | 8816        | 8816        | None | <b>8192</b> | 8816        |
| p04.pddl                   | <b>8456</b> | <b>8456</b> | <b>8456</b> | None | 8834        | <b>8456</b> |
| p05.pddl                   | <b>8893</b> | <b>8893</b> | <b>8893</b> | None | 9717        | <b>8893</b> |
| p06.pddl                   | 8612        | 8612        | 8612        | None | <b>7529</b> | 8612        |
| p07.pddl                   | 8742        | 8742        | 8742        | None | <b>8217</b> | 8742        |
| p08.pddl                   | 8998        | 8998        | 8998        | None | <b>8942</b> | 8998        |
| p09.pddl                   | <b>9172</b> | <b>9172</b> | <b>9172</b> | None | <b>9172</b> | <b>9172</b> |
| p10.pddl                   | <b>8602</b> | <b>8602</b> | <b>8602</b> | None | 8886        | <b>8602</b> |
| p11.pddl                   | <b>3986</b> | <b>3986</b> | <b>3986</b> | None | 4060        | <b>3986</b> |
| p12.pddl                   | 7836        | 7836        | 7836        | None | <b>7692</b> | 7836        |
| p13.pddl                   | <b>8864</b> | <b>8864</b> | <b>8864</b> | None | 8946        | <b>8864</b> |
| p14.pddl                   | 7840        | 7840        | 7840        | None | <b>7533</b> | 7840        |
| p15.pddl                   | 9640        | 9640        | 9640        | None | <b>9346</b> | 9640        |
| p16.pddl                   | 7862        | 7862        | 7862        | None | <b>6762</b> | 7862        |
| p17.pddl                   | 7958        | 7958        | 7958        | None | <b>7607</b> | 7958        |
| p18.pddl                   | 8126        | 8126        | 8126        | None | <b>8028</b> | 8126        |
| p19.pddl                   | 8314        | 8314        | 8314        | None | <b>7522</b> | 8314        |
| p20.pddl                   | 8714        | 8714        | 8714        | None | <b>8149</b> | 8714        |

## depot

| Expansions until last jump | default     | marked      | naive       | psvn | psvn_split  | watched     |
|----------------------------|-------------|-------------|-------------|------|-------------|-------------|
| p01.pddl                   | 319         | 319         | 319         | 319  | <b>302</b>  | 319         |
| p02.pddl                   | <b>8266</b> | <b>8266</b> | <b>8266</b> | None | 9668        | <b>8266</b> |
| p03.pddl                   | 8736        | 8736        | 8736        | None | <b>4061</b> | 8736        |
| p04.pddl                   | 5896        | 5896        | 5896        | None | <b>4472</b> | 5896        |
| p05.pddl                   | <b>7606</b> | <b>7606</b> | <b>7606</b> | None | 8865        | <b>7606</b> |
| p06.pddl                   | <b>7707</b> | <b>7707</b> | <b>7707</b> | None | 9053        | <b>7707</b> |
| p07.pddl                   | <b>5349</b> | <b>5349</b> | <b>5349</b> | None | 7655        | <b>5349</b> |
| p08.pddl                   | 9030        | 9030        | 9030        | None | <b>5639</b> | 9030        |
| p09.pddl                   | <b>7007</b> | <b>7007</b> | <b>7007</b> | None | 9397        | <b>7007</b> |
| p10.pddl                   | <b>5878</b> | <b>5878</b> | <b>5878</b> | None | 7763        | <b>5878</b> |
| p11.pddl                   | 9425        | 9425        | 9425        | None | <b>7476</b> | 9425        |
| p12.pddl                   | <b>4823</b> | <b>4823</b> | <b>4823</b> | None | 6889        | <b>4823</b> |
| p13.pddl                   | <b>5772</b> | <b>5772</b> | <b>5772</b> | None | 6478        | <b>5772</b> |
| p14.pddl                   | <b>6920</b> | <b>6920</b> | <b>6920</b> | None | 9864        | <b>6920</b> |
| p15.pddl                   | <b>3293</b> | <b>3293</b> | <b>3293</b> | None | 4658        | <b>3293</b> |
| p16.pddl                   | 6104        | 6104        | 6104        | None | <b>3433</b> | 6104        |
| p17.pddl                   | <b>2474</b> | <b>2474</b> | <b>2474</b> | None | 5989        | <b>2474</b> |
| p18.pddl                   | <b>3091</b> | <b>3091</b> | <b>3091</b> | None | 9564        | <b>3091</b> |
| p19.pddl                   | 4765        | 4765        | 4765        | None | <b>2355</b> | 4765        |
| p20.pddl                   | <b>4837</b> | <b>4837</b> | <b>4837</b> | None | None        | <b>4837</b> |
| p21.pddl                   | <b>3076</b> | <b>3076</b> | <b>3076</b> | None | None        | <b>3076</b> |
| p22.pddl                   | 2929        | 2929        | 2929        | None | <b>1189</b> | 2929        |

## driverlog

| Expansions until last jump | default     | marked      | naive       | psvn | psvn_split  | watched     |
|----------------------------|-------------|-------------|-------------|------|-------------|-------------|
| p01.pddl                   | 123         | 123         | 123         | 123  | <b>43</b>   | 123         |
| p02.pddl                   | 9175        | 9175        | 9175        | 9175 | <b>8840</b> | 9175        |
| p03.pddl                   | 5944        | 5944        | 5944        | 5944 | <b>5903</b> | 5944        |
| p04.pddl                   | 5095        | 5095        | 5095        | 5095 | <b>4655</b> | 5095        |
| p05.pddl                   | 4349        | 4349        | 4349        | None | <b>4335</b> | 4349        |
| p06.pddl                   | 8458        | 8458        | 8458        | None | <b>8271</b> | 8458        |
| p07.pddl                   | <b>3312</b> | <b>3312</b> | <b>3312</b> | None | 7353        | <b>3312</b> |
| p08.pddl                   | 5985        | 5985        | 5985        | None | <b>3569</b> | 5985        |
| p09.pddl                   | <b>3938</b> | <b>3938</b> | <b>3938</b> | None | 6413        | <b>3938</b> |
| p10.pddl                   | <b>3104</b> | <b>3104</b> | <b>3104</b> | None | 6302        | <b>3104</b> |
| p11.pddl                   | <b>3767</b> | <b>3767</b> | <b>3767</b> | None | 9787        | <b>3767</b> |
| p12.pddl                   | 4647        | 4647        | 4647        | None | <b>4444</b> | 4647        |
| p13.pddl                   | 8799        | 8799        | 8799        | None | <b>5472</b> | 8799        |
| p14.pddl                   | <b>8240</b> | <b>8240</b> | <b>8240</b> | None | 8256        | <b>8240</b> |
| p15.pddl                   | 9011        | 9011        | 9011        | None | <b>7562</b> | 9011        |
| p16.pddl                   | <b>2423</b> | <b>2423</b> | <b>2423</b> | None | 4380        | <b>2423</b> |
| p17.pddl                   | <b>4211</b> | <b>4211</b> | <b>4211</b> | None | 8626        | <b>4211</b> |
| p18.pddl                   | <b>2300</b> | <b>2300</b> | <b>2300</b> | None | 5139        | <b>2300</b> |
| p19.pddl                   | <b>3102</b> | <b>3102</b> | <b>3102</b> | None | 7482        | <b>3102</b> |
| p20.pddl                   | <b>1194</b> | <b>1194</b> | <b>1194</b> | None | None        | <b>1194</b> |

# elevators-opt08-strips

| Expansions until last jump | default     | marked      | naive       | psvn | psvn_split  | watched     |
|----------------------------|-------------|-------------|-------------|------|-------------|-------------|
| p01.pddl                   | 9000        | 9000        | 9000        | 9000 | <b>8455</b> | 9000        |
| p02.pddl                   | <b>8419</b> | <b>8419</b> | <b>8419</b> | None | 9956        | <b>8419</b> |
| p03.pddl                   | <b>8636</b> | <b>8636</b> | <b>8636</b> | None | 9461        | <b>8636</b> |
| p04.pddl                   | 6018        | 6018        | 6018        | None | <b>5594</b> | 6018        |
| p05.pddl                   | <b>7201</b> | <b>7201</b> | <b>7201</b> | None | 8949        | <b>7201</b> |
| p06.pddl                   | 8306        | 8306        | 8306        | None | <b>5826</b> | 8306        |
| p07.pddl                   | 8747        | 8747        | 8747        | None | <b>7719</b> | 8747        |
| p08.pddl                   | 5709        | 5709        | 5709        | None | <b>5591</b> | 5709        |
| p09.pddl                   | 9866        | 9866        | 9866        | None | <b>9798</b> | 9866        |
| p10.pddl                   | 6921        | 6921        | 6921        | None | <b>6300</b> | 6921        |
| p11.pddl                   | 8773        | 8773        | 8773        | None | <b>8282</b> | 8773        |
| p12.pddl                   | 8991        | 8991        | 8991        | None | <b>8553</b> | 8991        |
| p13.pddl                   | <b>8312</b> | <b>8312</b> | <b>8312</b> | None | 9544        | <b>8312</b> |
| p14.pddl                   | 9282        | 9282        | 9282        | None | <b>8629</b> | 9282        |
| p15.pddl                   | <b>8685</b> | <b>8685</b> | <b>8685</b> | None | 9102        | <b>8685</b> |
| p16.pddl                   | 7906        | 7906        | 7906        | None | <b>7627</b> | 7906        |
| p17.pddl                   | 9306        | 9306        | 9306        | None | <b>9158</b> | 9306        |
| p18.pddl                   | 8228        | 8228        | 8228        | None | <b>7249</b> | 8228        |
| p19.pddl                   | 7923        | 7923        | 7923        | None | <b>7867</b> | 7923        |
| p20.pddl                   | <b>8430</b> | <b>8430</b> | <b>8430</b> | None | 9551        | <b>8430</b> |
| p21.pddl                   | 9887        | 9887        | 9887        | None | <b>9831</b> | 9887        |
| p22.pddl                   | 9654        | 9654        | 9654        | None | <b>9634</b> | 9654        |
| p23.pddl                   | 8774        | 8774        | 8774        | None | <b>6858</b> | 8774        |
| p24.pddl                   | <b>9617</b> | <b>9617</b> | <b>9617</b> | None | 9912        | <b>9617</b> |
| p25.pddl                   | 8378        | 8378        | 8378        | None | <b>8270</b> | 8378        |
| p26.pddl                   | 7685        | 7685        | 7685        | None | <b>6688</b> | 7685        |
| p27.pddl                   | 8123        | 8123        | 8123        | None | <b>7947</b> | 8123        |
| p28.pddl                   | 6461        | 6461        | 6461        | None | <b>5066</b> | 6461        |
| p29.pddl                   | <b>9800</b> | <b>9800</b> | <b>9800</b> | None | 9895        | <b>9800</b> |
| p30.pddl                   | <b>7140</b> | <b>7140</b> | <b>7140</b> | None | <b>7140</b> | <b>7140</b> |



## elevators-opt11-strips

| Expansions until last jump | default     | marked      | naive       | psvn | psvn_split  | watched     |
|----------------------------|-------------|-------------|-------------|------|-------------|-------------|
| p01.pddl                   | 8773        | 8773        | 8773        | None | <b>8282</b> | 8773        |
| p02.pddl                   | 9887        | 9887        | 9887        | None | <b>9831</b> | 9887        |
| p03.pddl                   | 8991        | 8991        | 8991        | None | <b>8553</b> | 8991        |
| p04.pddl                   | <b>8636</b> | <b>8636</b> | <b>8636</b> | None | 9461        | <b>8636</b> |
| p05.pddl                   | <b>8312</b> | <b>8312</b> | <b>8312</b> | None | 9544        | <b>8312</b> |
| p06.pddl                   | 6018        | 6018        | 6018        | None | <b>5594</b> | 6018        |
| p07.pddl                   | 7685        | 7685        | 7685        | None | <b>6688</b> | 7685        |
| p08.pddl                   | <b>7201</b> | <b>7201</b> | <b>7201</b> | None | 8949        | <b>7201</b> |
| p09.pddl                   | 9654        | 9654        | 9654        | None | <b>9634</b> | 9654        |
| p10.pddl                   | 9282        | 9282        | 9282        | None | <b>8629</b> | 9282        |
| p11.pddl                   | 6461        | 6461        | 6461        | None | <b>5066</b> | 6461        |
| p12.pddl                   | 8306        | 8306        | 8306        | None | <b>5826</b> | 8306        |
| p13.pddl                   | 8747        | 8747        | 8747        | None | <b>7719</b> | 8747        |
| p14.pddl                   | 5709        | 5709        | 5709        | None | <b>5591</b> | 5709        |
| p15.pddl                   | 9866        | 9866        | 9866        | None | <b>9798</b> | 9866        |
| p16.pddl                   | <b>8685</b> | <b>8685</b> | <b>8685</b> | None | 9102        | <b>8685</b> |
| p17.pddl                   | 9306        | 9306        | 9306        | None | <b>9158</b> | 9306        |
| p18.pddl                   | 8228        | 8228        | 8228        | None | <b>7249</b> | 8228        |
| p19.pddl                   | 8774        | 8774        | 8774        | None | <b>6858</b> | 8774        |
| p20.pddl                   | <b>9617</b> | <b>9617</b> | <b>9617</b> | None | 9912        | <b>9617</b> |

## floortile-opt11-strips

| Expansions until last jump | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| opt-p01-001.pddl           | <b>7979</b> | <b>7979</b> | <b>7979</b> | <b>7979</b> | 8292        | <b>7979</b> |
| opt-p01-002.pddl           | <b>6101</b> | <b>6101</b> | <b>6101</b> | <b>6101</b> | 8712        | <b>6101</b> |
| opt-p02-003.pddl           | 7949        | 7949        | 7949        | 7949        | <b>6855</b> | 7949        |
| opt-p02-004.pddl           | <b>7397</b> | <b>7397</b> | <b>7397</b> | <b>7397</b> | 9227        | <b>7397</b> |
| opt-p03-005.pddl           | <b>6171</b> | <b>6171</b> | <b>6171</b> | None        | 8475        | <b>6171</b> |
| opt-p03-006.pddl           | 9810        | 9810        | 9810        | None        | <b>7055</b> | 9810        |
| opt-p04-007.pddl           | <b>6163</b> | <b>6163</b> | <b>6163</b> | None        | 6227        | <b>6163</b> |
| opt-p04-008.pddl           | 9809        | 9809        | 9809        | None        | <b>9381</b> | 9809        |
| opt-p05-009.pddl           | 7669        | 7669        | 7669        | None        | <b>5267</b> | 7669        |
| opt-p05-010.pddl           | 6969        | 6969        | 6969        | None        | <b>4852</b> | 6969        |
| opt-p06-011.pddl           | 8333        | 8333        | 8333        | None        | <b>7838</b> | 8333        |
| opt-p06-012.pddl           | 7406        | 7406        | 7406        | None        | <b>7192</b> | 7406        |
| opt-p07-013.pddl           | 7413        | 7413        | 7413        | None        | <b>7002</b> | 7413        |
| opt-p07-014.pddl           | <b>5751</b> | <b>5751</b> | <b>5751</b> | None        | 8086        | <b>5751</b> |
| opt-p08-015.pddl           | <b>4558</b> | <b>4558</b> | <b>4558</b> | None        | 7172        | <b>4558</b> |
| opt-p08-016.pddl           | 6332        | 6332        | 6332        | None        | <b>4498</b> | 6332        |
| opt-p09-017.pddl           | 4448        | 4448        | 4448        | None        | <b>3677</b> | 4448        |
| opt-p09-018.pddl           | 6550        | 6550        | 6550        | None        | <b>5914</b> | 6550        |
| opt-p10-019.pddl           | <b>4809</b> | <b>4809</b> | <b>4809</b> | None        | 8959        | <b>4809</b> |
| opt-p10-020.pddl           | <b>7174</b> | <b>7174</b> | <b>7174</b> | None        | 9406        | <b>7174</b> |

## floortile-opt14-strips

| Expansions until last jump | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| p01-4-3-2.pddl             | 9145        | 9145        | 9145        | 9145        | <b>7571</b> | 9145        |
| p01-4-4-2.pddl             | <b>4886</b> | <b>4886</b> | <b>4886</b> | None        | 6081        | <b>4886</b> |
| p01-5-3-2.pddl             | 9582        | 9582        | 9582        | None        | <b>7835</b> | 9582        |
| p01-5-4-2.pddl             | <b>6673</b> | <b>6673</b> | <b>6673</b> | None        | 8592        | <b>6673</b> |
| p01-5-5-2.pddl             | 7835        | 7835        | 7835        | None        | <b>5307</b> | 7835        |
| p01-6-4-2.pddl             | 7537        | 7537        | 7537        | None        | <b>7199</b> | 7537        |
| p01-6-5-2.pddl             | 4657        | 4657        | 4657        | None        | <b>4626</b> | 4657        |
| p02-4-4-2.pddl             | 9847        | 9847        | 9847        | None        | <b>6682</b> | 9847        |
| p02-5-3-2.pddl             | <b>4973</b> | <b>4973</b> | <b>4973</b> | None        | 7832        | <b>4973</b> |
| p02-5-4-2.pddl             | 9810        | 9810        | 9810        | None        | <b>8725</b> | 9810        |
| p02-5-5-2.pddl             | 5024        | 5024        | 5024        | None        | <b>4831</b> | 5024        |
| p02-6-4-2.pddl             | <b>4889</b> | <b>4889</b> | <b>4889</b> | None        | 7833        | <b>4889</b> |
| p02-6-5-2.pddl             | <b>5215</b> | <b>5215</b> | <b>5215</b> | None        | 8664        | <b>5215</b> |
| p03-4-3-2.pddl             | <b>5839</b> | <b>5839</b> | <b>5839</b> | <b>5839</b> | 8594        | <b>5839</b> |
| p03-4-4-2.pddl             | <b>6839</b> | <b>6839</b> | <b>6839</b> | None        | 8914        | <b>6839</b> |
| p03-5-3-2.pddl             | <b>4973</b> | <b>4973</b> | <b>4973</b> | None        | 7614        | <b>4973</b> |
| p03-5-4-2.pddl             | 7989        | 7989        | 7989        | None        | <b>5599</b> | 7989        |
| p03-5-5-2.pddl             | 5505        | 5505        | 5505        | None        | <b>4915</b> | 5505        |
| p03-6-4-2.pddl             | 6015        | 6015        | 6015        | None        | <b>5316</b> | 6015        |
| p03-6-5-2.pddl             | <b>5771</b> | <b>5771</b> | <b>5771</b> | None        | 8528        | <b>5771</b> |

# freecell

| Expansions until last jump | default     | marked      | naive       | psvn | psvn_split  | watched     |
|----------------------------|-------------|-------------|-------------|------|-------------|-------------|
| p01.pddl                   | <b>2748</b> | <b>2748</b> | <b>2748</b> | None | 3222        | <b>2748</b> |
| p02.pddl                   | 5933        | 5933        | 5933        | None | <b>4627</b> | 5933        |
| p03.pddl                   | 9657        | 9657        | 9657        | None | <b>7407</b> | 9657        |
| p04.pddl                   | 9163        | 9163        | 9163        | None | <b>6461</b> | 9163        |
| p05.pddl                   | 8375        | 8375        | 8375        | None | <b>6425</b> | 8375        |
| p06.pddl                   | 7758        | 7758        | 7758        | None | <b>5133</b> | 7758        |
| p07.pddl                   | <b>7153</b> | <b>7153</b> | <b>7153</b> | None | 7326        | <b>7153</b> |
| p08.pddl                   | <b>5800</b> | <b>5800</b> | <b>5800</b> | None | 7968        | <b>5800</b> |
| p09.pddl                   | 8512        | 8512        | 8512        | None | <b>7861</b> | 8512        |
| p10.pddl                   | 7653        | 7653        | 7653        | None | <b>5121</b> | 7653        |
| p11.pddl                   | <b>7657</b> | <b>7657</b> | <b>7657</b> | None | 9813        | <b>7657</b> |
| p12.pddl                   | 7042        | 7042        | 7042        | None | <b>5780</b> | 7042        |
| p13.pddl                   | 9621        | 9621        | 9621        | None | <b>6658</b> | 9621        |
| p14.pddl                   | <b>6786</b> | <b>6786</b> | <b>6786</b> | None | 9103        | <b>6786</b> |
| p15.pddl                   | 5280        | 5280        | 5280        | None | <b>4267</b> | 5280        |
| p16.pddl                   | <b>5831</b> | <b>5831</b> | <b>5831</b> | None | 5906        | <b>5831</b> |
| p17.pddl                   | 8658        | 8658        | 8658        | None | <b>6459</b> | 8658        |
| p18.pddl                   | 8121        | 8121        | 8121        | None | <b>7270</b> | 8121        |
| p19.pddl                   | <b>5544</b> | <b>5544</b> | <b>5544</b> | None | None        | <b>5544</b> |
| p20.pddl                   | <b>5665</b> | <b>5665</b> | <b>5665</b> | None | None        | <b>5665</b> |
| probfreecell-2-1.pddl      | 5521        | 5521        | 5521        | None | <b>5475</b> | 5521        |
| probfreecell-2-2.pddl      | <b>4960</b> | <b>4960</b> | <b>4960</b> | None | <b>4960</b> | <b>4960</b> |
| probfreecell-2-3.pddl      | <b>4657</b> | <b>4657</b> | <b>4657</b> | None | <b>4657</b> | <b>4657</b> |
| probfreecell-2-4.pddl      | <b>6009</b> | <b>6009</b> | <b>6009</b> | None | 6446        | <b>6009</b> |
| probfreecell-2-5.pddl      | <b>6167</b> | <b>6167</b> | <b>6167</b> | None | <b>6167</b> | <b>6167</b> |
| probfreecell-3-1.pddl      | 3315        | 3315        | 3315        | None | <b>2863</b> | 3315        |
| probfreecell-3-2.pddl      | 5039        | 5039        | 5039        | None | <b>4386</b> | 5039        |
| probfreecell-3-3.pddl      | 5302        | 5302        | 5302        | None | <b>4109</b> | 5302        |
| probfreecell-3-4.pddl      | 7981        | 7981        | 7981        | None | <b>6847</b> | 7981        |
| probfreecell-3-5.pddl      | 6209        | 6209        | 6209        | None | <b>5065</b> | 6209        |
| probfreecell-4-1.pddl      | 7738        | 7738        | 7738        | None | <b>7100</b> | 7738        |
| probfreecell-4-2.pddl      | 7114        | 7114        | 7114        | None | <b>4292</b> | 7114        |
| probfreecell-4-3.pddl      | 6843        | 6843        | 6843        | None | <b>4236</b> | 6843        |
| probfreecell-4-4.pddl      | 7073        | 7073        | 7073        | None | <b>5682</b> | 7073        |
| probfreecell-4-5.pddl      | 6350        | 6350        | 6350        | None | <b>3525</b> | 6350        |
| probfreecell-5-1.pddl      | 7295        | 7295        | 7295        | None | <b>5082</b> | 7295        |
| probfreecell-5-2.pddl      | 6954        | 6954        | 6954        | None | <b>3918</b> | 6954        |
| probfreecell-5-3.pddl      | 5049        | 5049        | 5049        | None | <b>3204</b> | 5049        |
| probfreecell-5-4.pddl      | 5387        | 5387        | 5387        | None | <b>3576</b> | 5387        |
| probfreecell-5-5.pddl      | 4551        | 4551        | 4551        | None | <b>2818</b> | 4551        |
| probfreecell-6-1.pddl      | <b>2937</b> | <b>2937</b> | <b>2937</b> | None | 8399        | <b>2937</b> |
| probfreecell-6-2.pddl      | 6808        | 6808        | 6808        | None | <b>4906</b> | 6808        |
| probfreecell-6-3.pddl      | 4564        | 4564        | 4564        | None | <b>3216</b> | 4564        |
| probfreecell-6-4.pddl      | 4476        | 4476        | 4476        | None | <b>2842</b> | 4476        |

## ged-opt14-strips

| Expansions until last jump | default     | marked      | naive       | psvn      | psvn_split  | watched     |
|----------------------------|-------------|-------------|-------------|-----------|-------------|-------------|
| d-1-2.pddl                 | <b>22</b>   | <b>22</b>   | <b>22</b>   | <b>22</b> | <b>22</b>   | <b>22</b>   |
| d-1-3.pddl                 | <b>3217</b> | <b>3217</b> | <b>3217</b> | None      | 7898        | <b>3217</b> |
| d-1-4.pddl                 | <b>22</b>   | <b>22</b>   | <b>22</b>   | <b>22</b> | <b>22</b>   | <b>22</b>   |
| d-1-8.pddl                 | <b>6098</b> | <b>6098</b> | <b>6098</b> | None      | 9219        | <b>6098</b> |
| d-2-1.pddl                 | <b>22</b>   | <b>22</b>   | <b>22</b>   | <b>22</b> | <b>22</b>   | <b>22</b>   |
| d-2-3.pddl                 | <b>1506</b> | <b>1506</b> | <b>1506</b> | None      | 2412        | <b>1506</b> |
| d-2-4.pddl                 | <b>593</b>  | <b>593</b>  | <b>593</b>  | None      | 810         | <b>593</b>  |
| d-2-8.pddl                 | <b>226</b>  | <b>226</b>  | <b>226</b>  | None      | 5121        | <b>226</b>  |
| d-3-1.pddl                 | <b>3217</b> | <b>3217</b> | <b>3217</b> | None      | 3907        | <b>3217</b> |
| d-3-2.pddl                 | <b>1506</b> | <b>1506</b> | <b>1506</b> | None      | 2772        | <b>1506</b> |
| d-3-4.pddl                 | 6098        | 6098        | 6098        | None      | <b>5608</b> | 6098        |
| d-4-2.pddl                 | <b>593</b>  | <b>593</b>  | <b>593</b>  | None      | 722         | <b>593</b>  |
| d-4-3.pddl                 | 6098        | 6098        | 6098        | None      | <b>3675</b> | 6098        |
| d-4-8.pddl                 | <b>226</b>  | <b>226</b>  | <b>226</b>  | None      | 8318        | <b>226</b>  |
| d-7-5.pddl                 | <b>6098</b> | <b>6098</b> | <b>6098</b> | None      | 7452        | <b>6098</b> |
| d-7-6.pddl                 | <b>3217</b> | <b>3217</b> | <b>3217</b> | None      | 3456        | <b>3217</b> |
| d-8-1.pddl                 | 6098        | 6098        | 6098        | None      | <b>4395</b> | 6098        |
| d-8-2.pddl                 | <b>226</b>  | <b>226</b>  | <b>226</b>  | None      | 6375        | <b>226</b>  |
| d-8-4.pddl                 | <b>226</b>  | <b>226</b>  | <b>226</b>  | None      | 8484        | <b>226</b>  |
| d-8-9.pddl                 | <b>226</b>  | <b>226</b>  | <b>226</b>  | None      | 8494        | <b>226</b>  |

## grid

| Expansions until last jump | default     | marked      | naive       | psvn | psvn_split | watched     |
|----------------------------|-------------|-------------|-------------|------|------------|-------------|
| prob01.pddl                | 4177        | 4177        | 4177        | None | <b>7</b>   | 4177        |
| prob02.pddl                | 8792        | 8792        | 8792        | None | <b>5</b>   | 8792        |
| prob03.pddl                | <b>6115</b> | <b>6115</b> | <b>6115</b> | None | None       | <b>6115</b> |
| prob04.pddl                | <b>7456</b> | <b>7456</b> | <b>7456</b> | None | None       | <b>7456</b> |
| prob05.pddl                | <b>5573</b> | <b>5573</b> | <b>5573</b> | None | 8598       | <b>5573</b> |

## gripper

| Expansions until last jump | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| prob01.pddl                | <b>234</b>  | <b>234</b>  | <b>234</b>  | <b>234</b>  | <b>234</b>  | <b>234</b>  |
| prob02.pddl                | <b>1824</b> | <b>1824</b> | <b>1824</b> | <b>1824</b> | <b>1824</b> | <b>1824</b> |
| prob03.pddl                | <b>9934</b> | <b>9934</b> | <b>9934</b> | <b>9934</b> | <b>9934</b> | <b>9934</b> |
| prob04.pddl                | 8732        | 8732        | 8732        | 8732        | <b>21</b>   | 8732        |
| prob05.pddl                | 4958        | 4958        | 4958        | None        | <b>25</b>   | 4958        |
| prob06.pddl                | 7912        | 7912        | 7912        | None        | <b>29</b>   | 7912        |
| prob07.pddl                | 5138        | 5138        | 5138        | None        | <b>33</b>   | 5138        |
| prob08.pddl                | 7148        | 7148        | 7148        | None        | <b>35</b>   | 7148        |
| prob09.pddl                | 9622        | 9622        | 9622        | None        | <b>41</b>   | 9622        |
| prob10.pddl                | 3137        | 3137        | 3137        | None        | <b>43</b>   | 3137        |
| prob11.pddl                | 3734        | 3734        | 3734        | None        | <b>49</b>   | 3734        |
| prob12.pddl                | 4383        | 4383        | 4383        | None        | <b>51</b>   | 4383        |
| prob13.pddl                | 5084        | 5084        | 5084        | None        | <b>53</b>   | 5084        |
| prob14.pddl                | 5837        | 5837        | 5837        | None        | <b>57</b>   | 5837        |
| prob15.pddl                | 6642        | 6642        | 6642        | None        | <b>65</b>   | 6642        |
| prob16.pddl                | 7499        | 7499        | 7499        | None        | <b>65</b>   | 7499        |
| prob17.pddl                | 8408        | 8408        | 8408        | None        | <b>69</b>   | 8408        |
| prob18.pddl                | 9369        | 9369        | 9369        | None        | <b>73</b>   | 9369        |
| prob19.pddl                | 6482        | 6482        | 6482        | None        | <b>81</b>   | 6482        |
| prob20.pddl                | 7142        | 7142        | 7142        | None        | <b>81</b>   | 7142        |

## hiking-opt14-strips

| Expansions until last jump | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| ptesting-1-2-3.pddl        | <b>491</b>  | <b>491</b>  | <b>491</b>  | <b>491</b>  | 760         | <b>491</b>  |
| ptesting-1-2-4.pddl        | <b>3003</b> | <b>3003</b> | <b>3003</b> | <b>3003</b> | 4100        | <b>3003</b> |
| ptesting-1-2-5.pddl        | <b>9762</b> | <b>9762</b> | <b>9762</b> | <b>9762</b> | <b>9762</b> | <b>9762</b> |
| ptesting-1-2-7.pddl        | <b>6843</b> | <b>6843</b> | <b>6843</b> | <b>6843</b> | <b>6843</b> | <b>6843</b> |
| ptesting-1-2-8.pddl        | 3950        | 3950        | 3950        | 3950        | <b>3949</b> | 3950        |
| ptesting-2-2-3.pddl        | <b>5060</b> | <b>5060</b> | <b>5060</b> | <b>5060</b> | <b>5060</b> | <b>5060</b> |
| ptesting-2-2-4.pddl        | 3442        | 3442        | 3442        | None        | <b>3376</b> | 3442        |
| ptesting-2-2-5.pddl        | 6404        | 6404        | 6404        | None        | <b>6214</b> | 6404        |
| ptesting-2-2-6.pddl        | 1899        | 1899        | 1899        | None        | <b>1821</b> | 1899        |
| ptesting-2-2-7.pddl        | <b>363</b>  | <b>363</b>  | <b>363</b>  | None        | None        | <b>363</b>  |
| ptesting-2-2-8.pddl        | <b>3581</b> | <b>3581</b> | <b>3581</b> | None        | None        | <b>3581</b> |
| ptesting-2-3-4.pddl        | 3955        | 3955        | 3955        | None        | <b>3898</b> | 3955        |
| ptesting-2-3-5.pddl        | 2696        | 2696        | 2696        | None        | <b>2644</b> | 2696        |
| ptesting-2-3-6.pddl        | <b>453</b>  | <b>453</b>  | <b>453</b>  | None        | None        | <b>453</b>  |
| ptesting-2-3-7.pddl        | <b>363</b>  | <b>363</b>  | <b>363</b>  | None        | None        | <b>363</b>  |
| ptesting-2-4-3.pddl        | <b>5448</b> | <b>5448</b> | <b>5448</b> | <b>5448</b> | <b>5448</b> | <b>5448</b> |
| ptesting-2-4-4.pddl        | 6907        | 6907        | 6907        | None        | <b>6826</b> | 6907        |
| ptesting-2-4-5.pddl        | <b>323</b>  | <b>323</b>  | <b>323</b>  | None        | None        | <b>323</b>  |
| ptesting-2-4-6.pddl        | <b>7354</b> | <b>7354</b> | <b>7354</b> | None        | None        | <b>7354</b> |
| ptesting-2-4-7.pddl        | <b>723</b>  | <b>723</b>  | <b>723</b>  | None        | None        | <b>723</b>  |

## logistics00

| Expansions until last jump | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| probLOGISTICS-4-0.pddl     | <b>9304</b> | <b>9304</b> | <b>9304</b> | <b>9304</b> | <b>9304</b> | <b>9304</b> |
| probLOGISTICS-4-1.pddl     | <b>9022</b> | <b>9022</b> | <b>9022</b> | <b>9022</b> | <b>9022</b> | <b>9022</b> |
| probLOGISTICS-4-2.pddl     | <b>3860</b> | <b>3860</b> | <b>3860</b> | <b>3860</b> | <b>3860</b> | <b>3860</b> |
| probLOGISTICS-5-0.pddl     | <b>8526</b> | <b>8526</b> | <b>8526</b> | <b>8526</b> | <b>8526</b> | <b>8526</b> |
| probLOGISTICS-5-1.pddl     | <b>7955</b> | <b>7955</b> | <b>7955</b> | <b>7955</b> | <b>7955</b> | <b>7955</b> |
| probLOGISTICS-5-2.pddl     | <b>713</b>  | <b>713</b>  | <b>713</b>  | <b>713</b>  | <b>713</b>  | <b>713</b>  |
| probLOGISTICS-6-0.pddl     | 9345        | 9345        | 9345        | 9345        | <b>7813</b> | 9345        |
| probLOGISTICS-6-1.pddl     | 9345        | 9345        | 9345        | 9345        | <b>7813</b> | 9345        |
| probLOGISTICS-6-2.pddl     | 9345        | 9345        | 9345        | 9345        | <b>8517</b> | 9345        |
| probLOGISTICS-6-9.pddl     | 9345        | 9345        | 9345        | 9345        | <b>8517</b> | 9345        |
| probLOGISTICS-7-0.pddl     | <b>7601</b> | <b>7601</b> | <b>7601</b> | None        | 8064        | <b>7601</b> |
| probLOGISTICS-7-1.pddl     | <b>7601</b> | <b>7601</b> | <b>7601</b> | None        | 9234        | <b>7601</b> |
| probLOGISTICS-8-0.pddl     | <b>6254</b> | <b>6254</b> | <b>6254</b> | None        | 7243        | <b>6254</b> |
| probLOGISTICS-8-1.pddl     | <b>6254</b> | <b>6254</b> | <b>6254</b> | None        | 7466        | <b>6254</b> |
| probLOGISTICS-9-0.pddl     | <b>9489</b> | <b>9489</b> | <b>9489</b> | None        | 9932        | <b>9489</b> |
| probLOGISTICS-9-1.pddl     | 9489        | 9489        | 9489        | None        | <b>5922</b> | 9489        |
| probLOGISTICS-10-0.pddl    | 9276        | 9276        | 9276        | None        | <b>6648</b> | 9276        |
| probLOGISTICS-10-1.pddl    | 9276        | 9276        | 9276        | None        | <b>6527</b> | 9276        |
| probLOGISTICS-11-0.pddl    | <b>3869</b> | <b>3869</b> | <b>3869</b> | None        | 7512        | <b>3869</b> |
| probLOGISTICS-11-1.pddl    | <b>3869</b> | <b>3869</b> | <b>3869</b> | None        | 7512        | <b>3869</b> |
| probLOGISTICS-12-0.pddl    | <b>4839</b> | <b>4839</b> | <b>4839</b> | None        | 8003        | <b>4839</b> |
| probLOGISTICS-12-1.pddl    | <b>4839</b> | <b>4839</b> | <b>4839</b> | None        | 8003        | <b>4839</b> |
| probLOGISTICS-13-0.pddl    | 2681        | 2681        | 2681        | None        | <b>2456</b> | 2681        |
| probLOGISTICS-13-1.pddl    | 2681        | 2681        | 2681        | None        | <b>2456</b> | 2681        |
| probLOGISTICS-14-0.pddl    | 3022        | 3022        | 3022        | None        | <b>2456</b> | 3022        |
| probLOGISTICS-14-1.pddl    | 3022        | 3022        | 3022        | None        | <b>2681</b> | 3022        |
| probLOGISTICS-15-0.pddl    | 3390        | 3390        | 3390        | None        | <b>3389</b> | 3390        |
| probLOGISTICS-15-1.pddl    | 3390        | 3390        | 3390        | None        | <b>3389</b> | 3390        |



## logistics98

| Expansions until last jump | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| prob01.pddl                | 6764        | 6764        | 6764        | None        | <b>6704</b> | 6764        |
| prob02.pddl                | 1148        | 1148        | 1148        | None        | <b>1147</b> | 1148        |
| prob03.pddl                | 3006        | 3006        | 3006        | None        | <b>2654</b> | 3006        |
| prob04.pddl                | 8397        | 8397        | 8397        | None        | <b>7779</b> | 8397        |
| prob05.pddl                | 7560        | 7560        | 7560        | None        | <b>4583</b> | 7560        |
| prob06.pddl                | 6575        | 6575        | 6575        | None        | <b>6133</b> | 6575        |
| prob07.pddl                | 2688        | 2688        | 2688        | None        | <b>2622</b> | 2688        |
| prob08.pddl                | 9746        | 9746        | 9746        | None        | <b>9077</b> | 9746        |
| prob09.pddl                | 189         | 189         | 189         | None        | <b>181</b>  | 189         |
| prob10.pddl                | 6614        | 6614        | 6614        | None        | <b>6215</b> | 6614        |
| prob11.pddl                | 2933        | 2933        | 2933        | None        | <b>2569</b> | 2933        |
| prob12.pddl                | 404         | 404         | 404         | None        | <b>388</b>  | 404         |
| prob13.pddl                | 344         | 344         | 344         | None        | <b>329</b>  | 344         |
| prob14.pddl                | 184         | 184         | 184         | None        | <b>167</b>  | 184         |
| prob15.pddl                | 1180        | 1180        | 1180        | None        | <b>1048</b> | 1180        |
| prob16.pddl                | 249         | 249         | 249         | None        | <b>240</b>  | 249         |
| prob17.pddl                | 9951        | 9951        | 9951        | None        | <b>9397</b> | 9951        |
| prob18.pddl                | <b>363</b>  | <b>363</b>  | <b>363</b>  | None        | None        | <b>363</b>  |
| prob19.pddl                | 295         | 295         | 295         | None        | <b>274</b>  | 295         |
| prob20.pddl                | <b>422</b>  | <b>422</b>  | <b>422</b>  | None        | None        | <b>422</b>  |
| prob21.pddl                | 494         | 494         | 494         | None        | <b>466</b>  | 494         |
| prob22.pddl                | <b>427</b>  | <b>427</b>  | <b>427</b>  | None        | None        | <b>427</b>  |
| prob23.pddl                | <b>4412</b> | <b>4412</b> | <b>4412</b> | None        | None        | <b>4412</b> |
| prob24.pddl                | 663         | 663         | 663         | None        | <b>613</b>  | 663         |
| prob25.pddl                | <b>689</b>  | <b>689</b>  | <b>689</b>  | None        | None        | <b>689</b>  |
| prob26.pddl                | <b>237</b>  | <b>237</b>  | <b>237</b>  | None        | None        | <b>237</b>  |
| prob27.pddl                | <b>496</b>  | <b>496</b>  | <b>496</b>  | None        | None        | <b>496</b>  |
| prob28.pddl                | <b>1433</b> | <b>1433</b> | <b>1433</b> | None        | None        | <b>1433</b> |
| prob29.pddl                | <b>382</b>  | <b>382</b>  | <b>382</b>  | None        | None        | <b>382</b>  |
| prob30.pddl                | <b>951</b>  | <b>951</b>  | <b>951</b>  | None        | None        | <b>951</b>  |
| prob31.pddl                | 9868        | 9868        | 9868        | 9868        | <b>9493</b> | 9868        |
| prob32.pddl                | <b>6519</b> | <b>6519</b> | <b>6519</b> | <b>6519</b> | 9832        | <b>6519</b> |
| prob33.pddl                | <b>2793</b> | <b>2793</b> | <b>2793</b> | None        | 6168        | <b>2793</b> |
| prob34.pddl                | <b>888</b>  | <b>888</b>  | <b>888</b>  | None        | 9615        | <b>888</b>  |
| prob35.pddl                | <b>829</b>  | <b>829</b>  | <b>829</b>  | None        | 6508        | <b>829</b>  |

# miconic

| Expansions until last jump | default | marked | naive | psvn | psvn_split | watched |
|----------------------------|---------|--------|-------|------|------------|---------|
| s1-0.pddl                  | 3       | 3      | 3     | 3    | 0          | 3       |
| s1-1.pddl                  | 3       | 3      | 3     | 3    | 1          | 3       |
| s1-2.pddl                  | 3       | 3      | 3     | 3    | 0          | 3       |
| s1-3.pddl                  | 3       | 3      | 3     | 3    | 0          | 3       |
| s1-4.pddl                  | 3       | 3      | 3     | 3    | 0          | 3       |
| s2-0.pddl                  | 25      | 25     | 25    | 25   | 24         | 25      |
| s2-1.pddl                  | 28      | 28     | 28    | 28   | 28         | 28      |
| s2-2.pddl                  | 28      | 28     | 28    | 28   | 27         | 28      |
| s2-3.pddl                  | 24      | 24     | 24    | 24   | 21         | 24      |
| s2-4.pddl                  | 25      | 25     | 25    | 25   | 24         | 25      |
| s3-0.pddl                  | 174     | 174    | 174   | 174  | 172        | 174     |
| s3-1.pddl                  | 215     | 215    | 215   | 215  | 215        | 215     |
| s3-2.pddl                  | 159     | 159    | 159   | 159  | 159        | 159     |
| s3-3.pddl                  | 193     | 193    | 193   | 193  | 193        | 193     |
| s3-4.pddl                  | 187     | 187    | 187   | 187  | 187        | 187     |
| s4-0.pddl                  | 1173    | 1173   | 1173  | 1173 | 1173       | 1173    |
| s4-1.pddl                  | 1167    | 1167   | 1167  | 1167 | 1167       | 1167    |
| s4-2.pddl                  | 1252    | 1252   | 1252  | 1252 | 1252       | 1252    |
| s4-3.pddl                  | 1252    | 1252   | 1252  | 1252 | 1252       | 1252    |
| s4-4.pddl                  | 1252    | 1252   | 1252  | 1252 | 1252       | 1252    |
| s5-0.pddl                  | 6024    | 6024   | 6024  | 6024 | 6024       | 6024    |
| s5-1.pddl                  | 6290    | 6290   | 6290  | 6290 | 6290       | 6290    |
| s5-2.pddl                  | 5378    | 5378   | 5378  | 5378 | 5378       | 5378    |
| s5-3.pddl                  | 5781    | 5781   | 5781  | 5781 | 5781       | 5781    |
| s5-4.pddl                  | 6671    | 6671   | 6671  | 6671 | 6671       | 6671    |
| s6-0.pddl                  | 9182    | 9182   | 9182  | 9182 | 9179       | 9182    |
| s6-1.pddl                  | 9787    | 9787   | 9787  | 9787 | 9787       | 9787    |
| s6-2.pddl                  | 7755    | 7755   | 7755  | 7755 | 7755       | 7755    |
| s6-3.pddl                  | 9000    | 9000   | 9000  | 9000 | 9000       | 9000    |
| s6-4.pddl                  | 7984    | 7984   | 7984  | 7984 | 7984       | 7984    |
| s7-0.pddl                  | 8622    | 8622   | 8622  | 8622 | 8621       | 8622    |
| s7-1.pddl                  | 6853    | 6853   | 6853  | 6853 | 6852       | 6853    |
| s7-2.pddl                  | 7199    | 7199   | 7199  | 7199 | 7180       | 7199    |
| s7-3.pddl                  | 7472    | 7472   | 7472  | 7472 | 7468       | 7472    |
| s7-4.pddl                  | 8851    | 8851   | 8851  | 8851 | 8851       | 8851    |
| s8-0.pddl                  | 8769    | 8769   | 8769  | 8769 | 8768       | 8769    |
| s8-1.pddl                  | 9878    | 9878   | 9878  | 9878 | 9878       | 9878    |
| s8-2.pddl                  | 8545    | 8545   | 8545  | 8545 | 8544       | 8545    |
| s8-3.pddl                  | 5896    | 5896   | 5896  | 5896 | 5896       | 5896    |
| s8-4.pddl                  | 9023    | 9023   | 9023  | 9023 | 9023       | 9023    |
| s9-0.pddl                  | 6952    | 6952   | 6952  | 6952 | 6952       | 6952    |
| s9-1.pddl                  | 8950    | 8950   | 8950  | 8950 | 8950       | 8950    |
| s9-2.pddl                  | 8857    | 8857   | 8857  | 8857 | 8857       | 8857    |
| s9-3.pddl                  | 7957    | 7957   | 7957  | 7957 | 7957       | 7957    |

## movie

| Expansions until last jump | default | marked | naive | psvn | psvn_split | watched |
|----------------------------|---------|--------|-------|------|------------|---------|
| prob01.pddl                | 120     | 0      | 120   | None | None       | None    |
| prob02.pddl                | 120     | 0      | 120   | None | None       | None    |
| prob03.pddl                | 120     | 0      | 120   | None | None       | None    |
| prob04.pddl                | 120     | 0      | 120   | None | None       | None    |
| prob05.pddl                | 120     | 0      | 120   | None | None       | None    |
| prob06.pddl                | 120     | 0      | 120   | None | None       | None    |
| prob07.pddl                | 120     | 0      | 120   | None | None       | None    |
| prob08.pddl                | 120     | 0      | 120   | None | None       | None    |
| prob09.pddl                | 120     | 0      | 120   | None | None       | None    |
| prob10.pddl                | 120     | 0      | 120   | None | None       | None    |
| prob11.pddl                | 120     | 0      | 120   | None | None       | None    |
| prob12.pddl                | 120     | 0      | 120   | None | None       | None    |
| prob13.pddl                | 120     | 0      | 120   | None | None       | None    |
| prob14.pddl                | 120     | 0      | 120   | None | None       | None    |
| prob15.pddl                | 120     | 0      | 120   | None | None       | None    |
| prob16.pddl                | 120     | 0      | 120   | None | None       | None    |
| prob17.pddl                | 120     | 0      | 120   | None | None       | None    |
| prob18.pddl                | 120     | 0      | 120   | None | None       | None    |
| prob19.pddl                | 120     | 0      | 120   | None | None       | None    |
| prob20.pddl                | 120     | 0      | 120   | None | None       | None    |
| prob21.pddl                | 120     | 0      | 120   | None | None       | None    |
| prob22.pddl                | 120     | 0      | 120   | None | None       | None    |
| prob23.pddl                | 120     | 0      | 120   | None | None       | None    |
| prob24.pddl                | 120     | 0      | 120   | None | None       | None    |
| prob25.pddl                | 120     | 0      | 120   | None | None       | None    |
| prob26.pddl                | 120     | 0      | 120   | None | None       | None    |
| prob27.pddl                | 120     | 0      | 120   | None | None       | None    |
| prob28.pddl                | 120     | 0      | 120   | None | None       | None    |
| prob29.pddl                | 120     | 0      | 120   | None | None       | None    |
| prob30.pddl                | 120     | 0      | 120   | None | None       | None    |

# mprime

| Expansions until last jump | default     | marked      | naive       | psvn | psvn_split  | watched     |
|----------------------------|-------------|-------------|-------------|------|-------------|-------------|
| prob01.pddl                | <b>1014</b> | <b>1014</b> | <b>1014</b> | None | <b>1014</b> | <b>1014</b> |
| prob02.pddl                | 928         | 928         | 928         | None | <b>860</b>  | 928         |
| prob03.pddl                | 1811        | 1811        | 1811        | None | <b>1752</b> | 1811        |
| prob04.pddl                | 3825        | 3825        | 3825        | None | <b>3789</b> | 3825        |
| prob05.pddl                | <b>4218</b> | <b>4218</b> | <b>4218</b> | None | <b>4218</b> | <b>4218</b> |
| prob06.pddl                | 266         | 266         | 266         | None | <b>262</b>  | 266         |
| prob07.pddl                | 4048        | 4048        | 4048        | None | <b>3915</b> | 4048        |
| prob08.pddl                | 6348        | 6348        | 6348        | None | <b>6300</b> | 6348        |
| prob09.pddl                | 7656        | 7656        | 7656        | None | <b>7650</b> | 7656        |
| prob10.pddl                | <b>277</b>  | <b>277</b>  | <b>277</b>  | None | None        | <b>277</b>  |
| prob11.pddl                | 3655        | 3655        | 3655        | None | <b>3645</b> | 3655        |
| prob12.pddl                | 5436        | 5436        | 5436        | None | <b>4984</b> | 5436        |
| prob13.pddl                | <b>227</b>  | <b>227</b>  | <b>227</b>  | None | None        | <b>227</b>  |
| prob14.pddl                | <b>286</b>  | <b>286</b>  | <b>286</b>  | None | None        | <b>286</b>  |
| prob15.pddl                | 260         | 260         | 260         | None | <b>257</b>  | 260         |
| prob16.pddl                | 2072        | 2072        | 2072        | None | <b>1913</b> | 2072        |
| prob17.pddl                | 218         | 218         | 218         | None | <b>213</b>  | 218         |
| prob18.pddl                | 302         | 302         | 302         | None | <b>293</b>  | 302         |
| prob19.pddl                | 3167        | 3167        | 3167        | None | <b>3056</b> | 3167        |
| prob20.pddl                | 303         | 303         | 303         | None | <b>296</b>  | 303         |
| prob21.pddl                | 1244        | 1244        | 1244        | None | <b>1088</b> | 1244        |
| prob22.pddl                | <b>288</b>  | <b>288</b>  | <b>288</b>  | None | None        | <b>288</b>  |
| prob23.pddl                | 235         | 235         | 235         | None | <b>229</b>  | 235         |
| prob24.pddl                | <b>4320</b> | <b>4320</b> | <b>4320</b> | None | None        | <b>4320</b> |
| prob25.pddl                | <b>108</b>  | <b>108</b>  | <b>108</b>  | None | <b>108</b>  | <b>108</b>  |
| prob26.pddl                | 1768        | 1768        | 1768        | None | <b>1752</b> | 1768        |
| prob27.pddl                | <b>924</b>  | <b>924</b>  | <b>924</b>  | None | 9626        | <b>924</b>  |
| prob28.pddl                | 5829        | 5829        | 5829        | None | <b>5827</b> | 5829        |
| prob29.pddl                | 952         | 952         | 952         | None | <b>951</b>  | 952         |
| prob30.pddl                | 6836        | 6836        | 6836        | None | <b>6790</b> | 6836        |
| prob31.pddl                | 630         | 630         | 630         | None | <b>628</b>  | 630         |
| prob32.pddl                | 9039        | 9039        | 9039        | None | <b>8719</b> | 9039        |
| prob33.pddl                | 4013        | 4013        | 4013        | None | <b>3951</b> | 4013        |
| prob34.pddl                | 629         | 629         | 629         | None | <b>623</b>  | 629         |
| prob35.pddl                | 1433        | 1433        | 1433        | None | <b>1261</b> | 1433        |

## mystery

| Expansions until last jump | default     | marked      | naive       | psvn      | psvn_split  | watched     |
|----------------------------|-------------|-------------|-------------|-----------|-------------|-------------|
| prob01.pddl                | <b>25</b>   | <b>25</b>   | <b>25</b>   | <b>25</b> | <b>25</b>   | <b>25</b>   |
| prob02.pddl                | 2423        | 2423        | 2423        | None      | <b>2361</b> | 2423        |
| prob03.pddl                | 114         | 114         | 114         | None      | <b>113</b>  | 114         |
| prob04.pddl                | 6514        | 6514        | 6514        | None      | <b>5410</b> | 6514        |
| prob05.pddl                | <b>3060</b> | <b>3060</b> | <b>3060</b> | None      | 9581        | <b>3060</b> |
| prob06.pddl                | 4086        | 4086        | 4086        | None      | <b>4004</b> | 4086        |
| prob07.pddl                | None        | None        | None        | None      | None        | None        |
| prob08.pddl                | <b>3626</b> | <b>3626</b> | <b>3626</b> | None      | 6186        | <b>3626</b> |
| prob09.pddl                | 6538        | 6538        | 6538        | None      | <b>6506</b> | 6538        |
| prob10.pddl                | <b>773</b>  | <b>773</b>  | <b>773</b>  | None      | None        | <b>773</b>  |
| prob11.pddl                | <b>382</b>  | <b>382</b>  | <b>382</b>  | None      | <b>382</b>  | <b>382</b>  |
| prob12.pddl                | 4897        | 4897        | 4897        | None      | <b>4684</b> | 4897        |
| prob13.pddl                | <b>8170</b> | <b>8170</b> | <b>8170</b> | None      | None        | <b>8170</b> |
| prob14.pddl                | <b>892</b>  | <b>892</b>  | <b>892</b>  | None      | None        | <b>892</b>  |
| prob15.pddl                | 7986        | 7986        | 7986        | None      | <b>7365</b> | 7986        |
| prob16.pddl                | 7311        | 7311        | 7311        | None      | <b>7308</b> | 7311        |
| prob17.pddl                | 618         | 618         | 618         | None      | <b>615</b>  | 618         |
| prob18.pddl                | None        | None        | None        | None      | None        | None        |
| prob19.pddl                | 3324        | 3324        | 3324        | None      | <b>2736</b> | 3324        |
| prob20.pddl                | 5531        | 5531        | 5531        | None      | <b>5526</b> | 5531        |
| prob21.pddl                | 3599        | 3599        | 3599        | None      | <b>3252</b> | 3599        |
| prob22.pddl                | 1869        | 1869        | 1869        | None      | <b>1748</b> | 1869        |
| prob23.pddl                | 3161        | 3161        | 3161        | None      | <b>3133</b> | 3161        |
| prob24.pddl                | 4922        | 4922        | 4922        | None      | <b>4696</b> | 4922        |
| prob25.pddl                | <b>27</b>   | <b>27</b>   | <b>27</b>   | <b>27</b> | <b>27</b>   | <b>27</b>   |
| prob26.pddl                | 3239        | 3239        | 3239        | None      | <b>3157</b> | 3239        |
| prob27.pddl                | 549         | 549         | 549         | None      | <b>540</b>  | 549         |
| prob28.pddl                | 413         | 413         | 413         | None      | <b>393</b>  | 413         |
| prob29.pddl                | <b>58</b>   | <b>58</b>   | <b>58</b>   | None      | <b>58</b>   | <b>58</b>   |
| prob30.pddl                | 6995        | 6995        | 6995        | None      | <b>5686</b> | 6995        |

## nomystery-opt11-strips

| Expansions until last jump | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| p01.pddl                   | <b>2003</b> | <b>2003</b> | <b>2003</b> | <b>2003</b> | <b>2003</b> | <b>2003</b> |
| p02.pddl                   | 6332        | 6332        | 6332        | 6332        | <b>6313</b> | 6332        |
| p03.pddl                   | <b>5436</b> | <b>5436</b> | <b>5436</b> | <b>5436</b> | 9762        | <b>5436</b> |
| p04.pddl                   | 5918        | 5918        | 5918        | None        | <b>5189</b> | 5918        |
| p05.pddl                   | 6830        | 6830        | 6830        | None        | <b>4428</b> | 6830        |
| p06.pddl                   | 6726        | 6726        | 6726        | None        | <b>5902</b> | 6726        |
| p07.pddl                   | 7142        | 7142        | 7142        | None        | <b>6096</b> | 7142        |
| p08.pddl                   | 7145        | 7145        | 7145        | None        | <b>4525</b> | 7145        |
| p09.pddl                   | <b>3308</b> | <b>3308</b> | <b>3308</b> | None        | 9907        | <b>3308</b> |
| p10.pddl                   | 3936        | 3936        | 3936        | None        | <b>3833</b> | 3936        |
| p11.pddl                   | <b>1161</b> | <b>1161</b> | <b>1161</b> | <b>1161</b> | <b>1161</b> | <b>1161</b> |
| p12.pddl                   | <b>9656</b> | <b>9656</b> | <b>9656</b> | <b>9656</b> | <b>9656</b> | <b>9656</b> |
| p13.pddl                   | 9217        | 9217        | 9217        | 9217        | <b>8884</b> | 9217        |
| p14.pddl                   | <b>5264</b> | <b>5264</b> | <b>5264</b> | None        | 9514        | <b>5264</b> |
| p15.pddl                   | <b>6774</b> | <b>6774</b> | <b>6774</b> | None        | 9452        | <b>6774</b> |
| p16.pddl                   | 6726        | 6726        | 6726        | None        | <b>6269</b> | 6726        |
| p17.pddl                   | 7142        | 7142        | 7142        | None        | <b>6406</b> | 7142        |
| p18.pddl                   | 7145        | 7145        | 7145        | None        | <b>5313</b> | 7145        |
| p19.pddl                   | <b>3308</b> | <b>3308</b> | <b>3308</b> | None        | 9067        | <b>3308</b> |
| p20.pddl                   | 3936        | 3936        | 3936        | None        | <b>3525</b> | 3936        |

## openstacks-opt08-strips

| Expansions until last jump | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| p01.pddl                   | <b>17</b>   | <b>17</b>   | <b>17</b>   | <b>17</b>   | <b>17</b>   | <b>17</b>   |
| p02.pddl                   | <b>129</b>  | <b>129</b>  | <b>129</b>  | <b>129</b>  | <b>129</b>  | <b>129</b>  |
| p03.pddl                   | <b>289</b>  | <b>289</b>  | <b>289</b>  | <b>289</b>  | <b>289</b>  | <b>289</b>  |
| p04.pddl                   | <b>2081</b> | <b>2081</b> | <b>2081</b> | <b>2081</b> | <b>2081</b> | <b>2081</b> |
| p05.pddl                   | <b>4177</b> | <b>4177</b> | <b>4177</b> | None        | 7437        | <b>4177</b> |
| p06.pddl                   | <b>33</b>   | <b>33</b>   | <b>33</b>   | None        | 1474        | <b>33</b>   |
| p07.pddl                   | 2633        | 2633        | 2633        | None        | <b>2145</b> | 2633        |
| p08.pddl                   | <b>957</b>  | <b>957</b>  | <b>957</b>  | None        | 6741        | <b>957</b>  |
| p09.pddl                   | 3121        | 3121        | 3121        | None        | <b>2768</b> | 3121        |
| p10.pddl                   | 4753        | 4753        | 4753        | None        | <b>540</b>  | 4753        |
| p11.pddl                   | <b>101</b>  | <b>101</b>  | <b>101</b>  | None        | 2741        | <b>101</b>  |
| p12.pddl                   | 7137        | 7137        | 7137        | None        | <b>0</b>    | 7137        |
| p13.pddl                   | <b>401</b>  | <b>401</b>  | <b>401</b>  | None        | 3149        | <b>401</b>  |
| p14.pddl                   | 7315        | 7315        | 7315        | None        | <b>1280</b> | 7315        |
| p15.pddl                   | <b>273</b>  | <b>273</b>  | <b>273</b>  | None        | 7805        | <b>273</b>  |
| p16.pddl                   | <b>465</b>  | <b>465</b>  | <b>465</b>  | None        | 6943        | <b>465</b>  |
| p17.pddl                   | <b>529</b>  | <b>529</b>  | <b>529</b>  | None        | 7676        | <b>529</b>  |
| p18.pddl                   | 141         | 141         | 141         | None        | <b>0</b>    | 141         |
| p19.pddl                   | 1217        | 1217        | 1217        | None        | <b>545</b>  | 1217        |
| p20.pddl                   | 2113        | 2113        | 2113        | None        | <b>465</b>  | 2113        |
| p21.pddl                   | 161         | 161         | 161         | None        | <b>61</b>   | 161         |
| p22.pddl                   | 6237        | 6237        | 6237        | None        | <b>0</b>    | 6237        |
| p23.pddl                   | 1313        | 1313        | 1313        | None        | <b>273</b>  | 1313        |
| p24.pddl                   | 2561        | 2561        | 2561        | None        | <b>273</b>  | 2561        |
| p25.pddl                   | 689         | 689         | 689         | None        | <b>289</b>  | 689         |
| p26.pddl                   | 401         | 401         | 401         | None        | <b>173</b>  | 401         |
| p27.pddl                   | 769         | 769         | 769         | None        | <b>737</b>  | 769         |
| p28.pddl                   | 785         | 785         | 785         | None        | <b>0</b>    | 785         |
| p29.pddl                   | <b>197</b>  | <b>197</b>  | <b>197</b>  | None        | 3675        | <b>197</b>  |
| p30.pddl                   | 833         | 833         | 833         | None        | <b>79</b>   | 833         |

## openstacks-opt11-strips

| Expansions until last jump | default    | marked     | naive      | psvn | psvn_split  | watched    |
|----------------------------|------------|------------|------------|------|-------------|------------|
| p01.pddl                   | <b>33</b>  | <b>33</b>  | <b>33</b>  | None | 1474        | <b>33</b>  |
| p02.pddl                   | 2633       | 2633       | 2633       | None | <b>2145</b> | 2633       |
| p03.pddl                   | <b>957</b> | <b>957</b> | <b>957</b> | None | 6741        | <b>957</b> |
| p04.pddl                   | 3121       | 3121       | 3121       | None | <b>2768</b> | 3121       |
| p05.pddl                   | 4753       | 4753       | 4753       | None | <b>540</b>  | 4753       |
| p06.pddl                   | <b>101</b> | <b>101</b> | <b>101</b> | None | 2741        | <b>101</b> |
| p07.pddl                   | 7137       | 7137       | 7137       | None | <b>0</b>    | 7137       |
| p08.pddl                   | <b>401</b> | <b>401</b> | <b>401</b> | None | 3149        | <b>401</b> |
| p09.pddl                   | 7315       | 7315       | 7315       | None | <b>1280</b> | 7315       |
| p10.pddl                   | 6237       | 6237       | 6237       | None | <b>0</b>    | 6237       |
| p11.pddl                   | <b>273</b> | <b>273</b> | <b>273</b> | None | 7805        | <b>273</b> |
| p12.pddl                   | <b>465</b> | <b>465</b> | <b>465</b> | None | 6943        | <b>465</b> |
| p13.pddl                   | <b>529</b> | <b>529</b> | <b>529</b> | None | 7676        | <b>529</b> |
| p14.pddl                   | 141        | 141        | 141        | None | <b>0</b>    | 141        |
| p15.pddl                   | 1217       | 1217       | 1217       | None | <b>545</b>  | 1217       |
| p16.pddl                   | 161        | 161        | 161        | None | <b>61</b>   | 161        |
| p17.pddl                   | 2113       | 2113       | 2113       | None | <b>465</b>  | 2113       |
| p18.pddl                   | 1313       | 1313       | 1313       | None | <b>273</b>  | 1313       |
| p19.pddl                   | 2561       | 2561       | 2561       | None | <b>273</b>  | 2561       |
| p20.pddl                   | 689        | 689        | 689        | None | <b>289</b>  | 689        |



## openstacks-opt14-strips

| Expansions until last jump | default    | marked     | naive      | psvn | psvn_split  | watched    |
|----------------------------|------------|------------|------------|------|-------------|------------|
| p20_1.pddl                 | 1793       | 1793       | 1793       | None | <b>337</b>  | 1793       |
| p20_2.pddl                 | <b>257</b> | <b>257</b> | <b>257</b> | None | 6338        | <b>257</b> |
| p20_3.pddl                 | 2583       | 2583       | 2583       | None | <b>2505</b> | 2583       |
| p25_1.pddl                 | 2433       | 2433       | 2433       | None | <b>201</b>  | 2433       |
| p25_3.pddl                 | 8770       | 8770       | 8770       | None | <b>4643</b> | 8770       |
| p30_1.pddl                 | <b>1</b>   | <b>1</b>   | <b>1</b>   | None | 5121        | <b>1</b>   |
| p30_2.pddl                 | 3201       | 3201       | 3201       | None | <b>361</b>  | 3201       |
| p30_3.pddl                 | 7184       | 7184       | 7184       | None | <b>2302</b> | 7184       |
| p35_1.pddl                 | <b>1</b>   | <b>1</b>   | <b>1</b>   | None | 281         | <b>1</b>   |
| p35_2.pddl                 | 285        | 285        | 285        | None | <b>53</b>   | 285        |
| p35_3.pddl                 | 1571       | 1571       | 1571       | None | <b>1465</b> | 1571       |
| p40_1.pddl                 | <b>1</b>   | <b>1</b>   | <b>1</b>   | None | 1473        | <b>1</b>   |
| p40_2.pddl                 | <b>1</b>   | <b>1</b>   | <b>1</b>   | None | 3329        | <b>1</b>   |
| p40_3.pddl                 | 1083       | 1083       | 1083       | None | <b>0</b>    | 1083       |
| p45_1.pddl                 | <b>1</b>   | <b>1</b>   | <b>1</b>   | None | <b>1</b>    | <b>1</b>   |
| p45_2.pddl                 | 297        | 297        | 297        | None | <b>123</b>  | 297        |
| p45_3.pddl                 | 1184       | 1184       | 1184       | None | <b>1055</b> | 1184       |
| p50_1.pddl                 | <b>1</b>   | <b>1</b>   | <b>1</b>   | None | <b>1</b>    | <b>1</b>   |
| p50_2.pddl                 | 5057       | 5057       | 5057       | None | <b>221</b>  | 5057       |
| p50_3.pddl                 | 1540       | 1540       | 1540       | None | <b>1378</b> | 1540       |

## openstacks-strips

| Expansions until last jump | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| p01.pddl                   | <b>4654</b> | <b>4654</b> | <b>4654</b> | <b>4654</b> | <b>4654</b> | <b>4654</b> |
| p02.pddl                   | <b>5329</b> | <b>5329</b> | <b>5329</b> | <b>5329</b> | <b>5329</b> | <b>5329</b> |
| p03.pddl                   | <b>4654</b> | <b>4654</b> | <b>4654</b> | <b>4654</b> | <b>4654</b> | <b>4654</b> |
| p04.pddl                   | <b>4654</b> | <b>4654</b> | <b>4654</b> | <b>4654</b> | <b>4654</b> | <b>4654</b> |
| p05.pddl                   | <b>4654</b> | <b>4654</b> | <b>4654</b> | <b>4654</b> | <b>4654</b> | <b>4654</b> |
| p06.pddl                   | <b>5764</b> | <b>5764</b> | <b>5764</b> | None        | <b>5764</b> | <b>5764</b> |
| p07.pddl                   | <b>5764</b> | <b>5764</b> | <b>5764</b> | None        | <b>5764</b> | <b>5764</b> |
| p08.pddl                   | 7949        | 7949        | 7949        | None        | <b>7751</b> | 7949        |
| p09.pddl                   | 7755        | 7755        | 7755        | None        | <b>7594</b> | 7755        |
| p10.pddl                   | 5566        | 5566        | 5566        | None        | <b>5502</b> | 5566        |
| p11.pddl                   | 5566        | 5566        | 5566        | None        | <b>5502</b> | 5566        |
| p12.pddl                   | 5566        | 5566        | 5566        | None        | <b>5502</b> | 5566        |
| p13.pddl                   | 5566        | 5566        | 5566        | None        | <b>5502</b> | 5566        |
| p14.pddl                   | 5566        | 5566        | 5566        | None        | <b>5502</b> | 5566        |
| p15.pddl                   | 5566        | 5566        | 5566        | None        | <b>5502</b> | 5566        |
| p16.pddl                   | 5566        | 5566        | 5566        | None        | <b>5502</b> | 5566        |
| p17.pddl                   | 8147        | 8147        | 8147        | None        | <b>7953</b> | 8147        |
| p18.pddl                   | 3772        | 3772        | 3772        | None        | <b>3167</b> | 3772        |
| p19.pddl                   | <b>1738</b> | <b>1738</b> | <b>1738</b> | None        | 9460        | <b>1738</b> |
| p20.pddl                   | <b>2450</b> | <b>2450</b> | <b>2450</b> | None        | None        | <b>2450</b> |
| p21.pddl                   | <b>2450</b> | <b>2450</b> | <b>2450</b> | None        | None        | <b>2450</b> |
| p22.pddl                   | <b>2450</b> | <b>2450</b> | <b>2450</b> | None        | None        | <b>2450</b> |
| p23.pddl                   | <b>2450</b> | <b>2450</b> | <b>2450</b> | None        | None        | <b>2450</b> |
| p24.pddl                   | <b>6580</b> | <b>6580</b> | <b>6580</b> | None        | None        | <b>6580</b> |
| p25.pddl                   | <b>6580</b> | <b>6580</b> | <b>6580</b> | None        | None        | <b>6580</b> |
| p26.pddl                   | 6585        | 6585        | 6585        | None        | <b>6203</b> | 6585        |
| p27.pddl                   | <b>6004</b> | <b>6004</b> | <b>6004</b> | None        | None        | <b>6004</b> |
| p28.pddl                   | <b>303</b>  | <b>303</b>  | <b>303</b>  | None        | None        | <b>303</b>  |
| p29.pddl                   | <b>303</b>  | <b>303</b>  | <b>303</b>  | None        | None        | <b>303</b>  |
| p30.pddl                   | <b>303</b>  | <b>303</b>  | <b>303</b>  | None        | None        | <b>303</b>  |

# organic-synthesis-opt18-strips

| Expansions until last jump | default  | marked   | naive    | psvn     | psvn_split | watched  |
|----------------------------|----------|----------|----------|----------|------------|----------|
| p01.pddl                   | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b>   | <b>0</b> |
| p02.pddl                   | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b>   | <b>0</b> |
| p03.pddl                   | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b>   | <b>1</b> |
| p04.pddl                   | None     | None     | None     | None     | None       | None     |
| p05.pddl                   | None     | None     | None     | None     | None       | None     |
| p06.pddl                   | None     | None     | None     | None     | None       | None     |
| p07.pddl                   | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b>   | <b>1</b> |
| p08.pddl                   | None     | None     | None     | None     | None       | None     |
| p09.pddl                   | <b>1</b> | <b>1</b> | <b>1</b> | None     | None       | <b>1</b> |
| p10.pddl                   | <b>1</b> | <b>1</b> | <b>1</b> | None     | None       | <b>1</b> |
| p11.pddl                   | None     | None     | None     | None     | None       | None     |
| p12.pddl                   | None     | None     | None     | None     | None       | None     |
| p13.pddl                   | None     | None     | None     | None     | None       | None     |
| p14.pddl                   | <b>1</b> | <b>1</b> | <b>1</b> | None     | None       | <b>1</b> |
| p15.pddl                   | None     | None     | None     | None     | None       | None     |
| p16.pddl                   | None     | None     | None     | None     | None       | None     |
| p17.pddl                   | None     | None     | None     | None     | None       | None     |
| p18.pddl                   | None     | None     | None     | None     | None       | None     |
| p19.pddl                   | None     | None     | None     | None     | None       | None     |
| p20.pddl                   | None     | None     | None     | None     | None       | None     |

# organic-synthesis-split-opt18-strips

| Expansions until last jump | default     | marked      | naive       | psvn | psvn_split  | watched     |
|----------------------------|-------------|-------------|-------------|------|-------------|-------------|
| p01.pddl                   | <b>5978</b> | <b>5978</b> | <b>5978</b> | None | None        | <b>5978</b> |
| p02.pddl                   | <b>8822</b> | <b>8822</b> | <b>8822</b> | None | None        | <b>8822</b> |
| p03.pddl                   | <b>5035</b> | <b>5035</b> | <b>5035</b> | None | None        | <b>5035</b> |
| p04.pddl                   | <b>9859</b> | <b>9859</b> | <b>9859</b> | None | None        | <b>9859</b> |
| p05.pddl                   | <b>6899</b> | <b>6899</b> | <b>6899</b> | None | None        | <b>6899</b> |
| p06.pddl                   | <b>4292</b> | <b>4292</b> | <b>4292</b> | None | None        | <b>4292</b> |
| p07.pddl                   | 140         | 140         | 140         | None | <b>15</b>   | 140         |
| p08.pddl                   | <b>9422</b> | <b>9422</b> | <b>9422</b> | None | None        | <b>9422</b> |
| p09.pddl                   | <b>9299</b> | <b>9299</b> | <b>9299</b> | None | None        | <b>9299</b> |
| p10.pddl                   | <b>9311</b> | <b>9311</b> | <b>9311</b> | None | None        | <b>9311</b> |
| p11.pddl                   | <b>43</b>   | <b>43</b>   | <b>43</b>   | None | None        | <b>43</b>   |
| p12.pddl                   | <b>43</b>   | <b>43</b>   | <b>43</b>   | None | None        | <b>43</b>   |
| p13.pddl                   | <b>2184</b> | <b>2184</b> | <b>2184</b> | None | None        | <b>2184</b> |
| p14.pddl                   | 9184        | 9184        | 9184        | None | <b>6930</b> | 9184        |
| p15.pddl                   | <b>2869</b> | <b>2869</b> | <b>2869</b> | None | None        | <b>2869</b> |
| p16.pddl                   | <b>8742</b> | <b>8742</b> | <b>8742</b> | None | None        | <b>8742</b> |
| p17.pddl                   | <b>1612</b> | <b>1612</b> | <b>1612</b> | None | None        | <b>1612</b> |
| p18.pddl                   | <b>1904</b> | <b>1904</b> | <b>1904</b> | None | None        | <b>1904</b> |
| p19.pddl                   | <b>6095</b> | <b>6095</b> | <b>6095</b> | None | None        | <b>6095</b> |
| p20.pddl                   | <b>8818</b> | <b>8818</b> | <b>8818</b> | None | None        | <b>8818</b> |

## parcprinter-08-strips

| Expansions until last jump | default      | marked       | naive        | psvn        | psvn_split   | watched      |
|----------------------------|--------------|--------------|--------------|-------------|--------------|--------------|
| p01.pddl                   | <b>23</b>    | <b>23</b>    | <b>23</b>    | <b>23</b>   | <b>23</b>    | <b>23</b>    |
| p02.pddl                   | <b>1495</b>  | <b>1495</b>  | <b>1495</b>  | <b>1495</b> | 2397         | <b>1495</b>  |
| p03.pddl                   | 5041         | 5041         | 5041         | 5041        | <b>3337</b>  | 5041         |
| p04.pddl                   | 9945         | 9945         | 9945         | None        | <b>9824</b>  | 9945         |
| p05.pddl                   | 9730         | 9730         | 9730         | None        | <b>1499</b>  | 9730         |
| p06.pddl                   | <b>8599</b>  | <b>8599</b>  | <b>8599</b>  | None        | 9987         | <b>8599</b>  |
| p07.pddl                   | 8941         | 8941         | 8941         | None        | <b>6719</b>  | 8941         |
| p08.pddl                   | <b>7658</b>  | <b>7658</b>  | <b>7658</b>  | None        | 9910         | <b>7658</b>  |
| p09.pddl                   | <b>8303</b>  | <b>8303</b>  | <b>8303</b>  | None        | 9658         | <b>8303</b>  |
| p10.pddl                   | <b>8692</b>  | <b>8692</b>  | <b>8692</b>  | None        | 8999         | <b>8692</b>  |
| p11.pddl                   | <b>30</b>    | <b>30</b>    | <b>30</b>    | <b>30</b>   | <b>30</b>    | <b>30</b>    |
| p12.pddl                   | 5828         | 5828         | 5828         | 5828        | <b>5722</b>  | 5828         |
| p13.pddl                   | 9996         | 9996         | 9996         | None        | <b>9994</b>  | 9996         |
| p14.pddl                   | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p15.pddl                   | 9981         | 9981         | 9981         | None        | <b>1533</b>  | 9981         |
| p16.pddl                   | 9602         | 9602         | 9602         | None        | <b>320</b>   | 9602         |
| p17.pddl                   | <b>9796</b>  | <b>9796</b>  | <b>9796</b>  | None        | 9940         | <b>9796</b>  |
| p18.pddl                   | <b>9887</b>  | <b>9887</b>  | <b>9887</b>  | None        | None         | <b>9887</b>  |
| p19.pddl                   | 9984         | 9984         | 9984         | None        | <b>9973</b>  | 9984         |
| p20.pddl                   | 7820         | 7820         | 7820         | None        | <b>0</b>     | 7820         |
| p21.pddl                   | <b>18</b>    | <b>18</b>    | <b>18</b>    | <b>18</b>   | 30           | <b>18</b>    |
| p22.pddl                   | <b>2943</b>  | <b>2943</b>  | <b>2943</b>  | <b>2943</b> | 5104         | <b>2943</b>  |
| p23.pddl                   | 9988         | 9988         | 9988         | None        | <b>9984</b>  | 9988         |
| p24.pddl                   | <b>9937</b>  | <b>9937</b>  | <b>9937</b>  | None        | 9985         | <b>9937</b>  |
| p25.pddl                   | <b>9905</b>  | <b>9905</b>  | <b>9905</b>  | None        | 9997         | <b>9905</b>  |
| p26.pddl                   | <b>9992</b>  | <b>9992</b>  | <b>9992</b>  | None        | 9999         | <b>9992</b>  |
| p27.pddl                   | <b>9705</b>  | <b>9705</b>  | <b>9705</b>  | None        | 9931         | <b>9705</b>  |
| p28.pddl                   | <b>9985</b>  | <b>9985</b>  | <b>9985</b>  | None        | 10000        | <b>9985</b>  |
| p29.pddl                   | 9297         | 9297         | 9297         | None        | <b>9260</b>  | 9297         |
| p30.pddl                   | <b>8665</b>  | <b>8665</b>  | <b>8665</b>  | None        | 9841         | <b>8665</b>  |

# parcprinter-opt11-strips

| Expansions until last jump | default      | marked       | naive        | psvn        | psvn_split   | watched      |
|----------------------------|--------------|--------------|--------------|-------------|--------------|--------------|
| p01.pddl                   | <b>2943</b>  | <b>2943</b>  | <b>2943</b>  | <b>2943</b> | 5104         | <b>2943</b>  |
| p02.pddl                   | <b>1495</b>  | <b>1495</b>  | <b>1495</b>  | <b>1495</b> | 2397         | <b>1495</b>  |
| p03.pddl                   | 5828         | 5828         | 5828         | 5828        | <b>5722</b>  | 5828         |
| p04.pddl                   | 9945         | 9945         | 9945         | None        | <b>9824</b>  | 9945         |
| p05.pddl                   | 9988         | 9988         | 9988         | None        | <b>9984</b>  | 9988         |
| p06.pddl                   | <b>8599</b>  | <b>8599</b>  | <b>8599</b>  | None        | 9987         | <b>8599</b>  |
| p07.pddl                   | 9730         | 9730         | 9730         | None        | <b>1499</b>  | 9730         |
| p08.pddl                   | <b>9937</b>  | <b>9937</b>  | <b>9937</b>  | None        | 9985         | <b>9937</b>  |
| p09.pddl                   | 9996         | 9996         | 9996         | None        | <b>9994</b>  | 9996         |
| p10.pddl                   | <b>9905</b>  | <b>9905</b>  | <b>9905</b>  | None        | 9997         | <b>9905</b>  |
| p11.pddl                   | <b>9992</b>  | <b>9992</b>  | <b>9992</b>  | None        | 9999         | <b>9992</b>  |
| p12.pddl                   | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p13.pddl                   | 8941         | 8941         | 8941         | None        | <b>6719</b>  | 8941         |
| p14.pddl                   | <b>7658</b>  | <b>7658</b>  | <b>7658</b>  | None        | 9910         | <b>7658</b>  |
| p15.pddl                   | <b>8303</b>  | <b>8303</b>  | <b>8303</b>  | None        | 9658         | <b>8303</b>  |
| p16.pddl                   | <b>8692</b>  | <b>8692</b>  | <b>8692</b>  | None        | 8999         | <b>8692</b>  |
| p17.pddl                   | 9981         | 9981         | 9981         | None        | <b>1533</b>  | 9981         |
| p18.pddl                   | 9602         | 9602         | 9602         | None        | <b>320</b>   | 9602         |
| p19.pddl                   | <b>9796</b>  | <b>9796</b>  | <b>9796</b>  | None        | 9940         | <b>9796</b>  |
| p20.pddl                   | <b>9705</b>  | <b>9705</b>  | <b>9705</b>  | None        | 9931         | <b>9705</b>  |

## parking-opt11-strips

| Expansions until last jump | default     | marked      | naive       | psvn | psvn_split  | watched     |
|----------------------------|-------------|-------------|-------------|------|-------------|-------------|
| pfile03-011.pddl           | 8823        | 8823        | 8823        | None | <b>5148</b> | 8823        |
| pfile03-012.pddl           | 6023        | 6023        | 6023        | None | <b>3059</b> | 6023        |
| pfile04-013.pddl           | <b>1739</b> | <b>1739</b> | <b>1739</b> | None | 9276        | <b>1739</b> |
| pfile04-014.pddl           | <b>1205</b> | <b>1205</b> | <b>1205</b> | None | 5739        | <b>1205</b> |
| pfile04-015.pddl           | <b>1205</b> | <b>1205</b> | <b>1205</b> | None | 5874        | <b>1205</b> |
| pfile04-016.pddl           | <b>1205</b> | <b>1205</b> | <b>1205</b> | None | 6064        | <b>1205</b> |
| pfile05-017.pddl           | <b>1765</b> | <b>1765</b> | <b>1765</b> | None | None        | <b>1765</b> |
| pfile05-018.pddl           | <b>1765</b> | <b>1765</b> | <b>1765</b> | None | None        | <b>1765</b> |
| pfile05-019.pddl           | <b>1765</b> | <b>1765</b> | <b>1765</b> | None | None        | <b>1765</b> |
| pfile05-020.pddl           | <b>2528</b> | <b>2528</b> | <b>2528</b> | None | None        | <b>2528</b> |
| pfile06-021.pddl           | 3524        | 3524        | 3524        | None | <b>2001</b> | 3524        |
| pfile06-022.pddl           | 3524        | 3524        | 3524        | None | <b>2093</b> | 3524        |
| pfile06-023.pddl           | 3524        | 3524        | 3524        | None | <b>2168</b> | 3524        |
| pfile06-024.pddl           | 3524        | 3524        | 3524        | None | <b>1701</b> | 3524        |
| pfile07-025.pddl           | <b>3356</b> | <b>3356</b> | <b>3356</b> | None | None        | <b>3356</b> |
| pfile07-026.pddl           | <b>3356</b> | <b>3356</b> | <b>3356</b> | None | None        | <b>3356</b> |
| pfile07-027.pddl           | <b>4751</b> | <b>4751</b> | <b>4751</b> | None | None        | <b>4751</b> |
| pfile07-028.pddl           | <b>4751</b> | <b>4751</b> | <b>4751</b> | None | None        | <b>4751</b> |
| pfile08-029.pddl           | 4423        | 4423        | 4423        | None | <b>2820</b> | 4423        |
| pfile08-030.pddl           | 6233        | 6233        | 6233        | None | <b>4005</b> | 6233        |

## parking-opt14-strips

| Expansions until last jump | default     | marked      | naive       | psvn | psvn_split  | watched     |
|----------------------------|-------------|-------------|-------------|------|-------------|-------------|
| p_12_7-01.pddl             | 6023        | 6023        | 6023        | None | <b>4101</b> | 6023        |
| p_12_7-02.pddl             | 6023        | 6023        | 6023        | None | <b>4646</b> | 6023        |
| p_12_7-03.pddl             | 6023        | 6023        | 6023        | None | <b>4132</b> | 6023        |
| p_12_7-04.pddl             | 6023        | 6023        | 6023        | None | <b>3406</b> | 6023        |
| p_14_8-01.pddl             | <b>1739</b> | <b>1739</b> | <b>1739</b> | None | 8904        | <b>1739</b> |
| p_14_8-02.pddl             | <b>1739</b> | <b>1739</b> | <b>1739</b> | None | 9899        | <b>1739</b> |
| p_14_8-03.pddl             | <b>1739</b> | <b>1739</b> | <b>1739</b> | None | 8096        | <b>1739</b> |
| p_14_8-04.pddl             | <b>1739</b> | <b>1739</b> | <b>1739</b> | None | 9634        | <b>1739</b> |
| p_16_9-01.pddl             | <b>2528</b> | <b>2528</b> | <b>2528</b> | None | None        | <b>2528</b> |
| p_16_9-02.pddl             | <b>2528</b> | <b>2528</b> | <b>2528</b> | None | None        | <b>2528</b> |
| p_16_9-03.pddl             | <b>1765</b> | <b>1765</b> | <b>1765</b> | None | None        | <b>1765</b> |
| p_16_9-04.pddl             | <b>2528</b> | <b>2528</b> | <b>2528</b> | None | None        | <b>2528</b> |
| p_18_10-01.pddl            | 3524        | 3524        | 3524        | None | <b>2424</b> | 3524        |
| p_18_10-02.pddl            | 2476        | 2476        | 2476        | None | <b>1380</b> | 2476        |
| p_18_10-03.pddl            | 2476        | 2476        | 2476        | None | <b>1122</b> | 2476        |
| p_18_10-04.pddl            | 3524        | 3524        | 3524        | None | <b>2447</b> | 3524        |
| p_20_11-01.pddl            | <b>3356</b> | <b>3356</b> | <b>3356</b> | None | None        | <b>3356</b> |
| p_20_11-02.pddl            | <b>3356</b> | <b>3356</b> | <b>3356</b> | None | None        | <b>3356</b> |
| p_20_11-03.pddl            | <b>3356</b> | <b>3356</b> | <b>3356</b> | None | None        | <b>3356</b> |
| p_20_11-04.pddl            | <b>3356</b> | <b>3356</b> | <b>3356</b> | None | None        | <b>3356</b> |



## pathways

| Expansions until last jump | default     | marked      | naive       | psvn | psvn_split  | watched     |
|----------------------------|-------------|-------------|-------------|------|-------------|-------------|
| p01.pddl                   | 1438        | 1438        | 1438        | None | <b>1311</b> | 1438        |
| p02.pddl                   | 2891        | 2891        | 2891        | None | <b>2646</b> | 2891        |
| p03.pddl                   | 9851        | 9851        | 9851        | None | <b>4421</b> | 9851        |
| p04.pddl                   | 9796        | 9796        | 9796        | None | <b>9501</b> | 9796        |
| p05.pddl                   | 2237        | 2237        | 2237        | None | <b>2207</b> | 2237        |
| p06.pddl                   | 8261        | 8261        | 8261        | None | <b>8172</b> | 8261        |
| p07.pddl                   | 857         | 857         | 857         | None | <b>833</b>  | 857         |
| p08.pddl                   | 899         | 899         | 899         | None | <b>882</b>  | 899         |
| p09.pddl                   | 1223        | 1223        | 1223        | None | <b>1205</b> | 1223        |
| p10.pddl                   | 816         | 816         | 816         | None | <b>799</b>  | 816         |
| p11.pddl                   | 1168        | 1168        | 1168        | None | <b>1146</b> | 1168        |
| p12.pddl                   | 778         | 778         | 778         | None | <b>774</b>  | 778         |
| p13.pddl                   | 1218        | 1218        | 1218        | None | <b>1182</b> | 1218        |
| p14.pddl                   | 989         | 989         | 989         | None | <b>950</b>  | 989         |
| p15.pddl                   | 1075        | 1075        | 1075        | None | <b>1037</b> | 1075        |
| p16.pddl                   | 1592        | 1592        | 1592        | None | <b>1560</b> | 1592        |
| p17.pddl                   | 1887        | 1887        | 1887        | None | <b>1863</b> | 1887        |
| p18.pddl                   | 1126        | 1126        | 1126        | None | <b>1121</b> | 1126        |
| p19.pddl                   | 1651        | 1651        | 1651        | None | <b>1626</b> | 1651        |
| p20.pddl                   | 1428        | 1428        | 1428        | None | <b>1355</b> | 1428        |
| p21.pddl                   | 1945        | 1945        | 1945        | None | <b>1922</b> | 1945        |
| p22.pddl                   | 1885        | 1885        | 1885        | None | <b>1878</b> | 1885        |
| p23.pddl                   | 1949        | 1949        | 1949        | None | <b>1916</b> | 1949        |
| p24.pddl                   | <b>1649</b> | <b>1649</b> | <b>1649</b> | None | None        | <b>1649</b> |
| p25.pddl                   | 2623        | 2623        | 2623        | None | <b>2516</b> | 2623        |
| p26.pddl                   | 2344        | 2344        | 2344        | None | <b>2289</b> | 2344        |
| p27.pddl                   | 2616        | 2616        | 2616        | None | <b>2196</b> | 2616        |
| p28.pddl                   | 2342        | 2342        | 2342        | None | <b>2185</b> | 2342        |
| p29.pddl                   | <b>1539</b> | <b>1539</b> | <b>1539</b> | None | None        | <b>1539</b> |
| p30.pddl                   | 1769        | 1769        | 1769        | None | <b>1707</b> | 1769        |

## pegsol-08-strips

| Expansions until last jump | default     | marked      | naive       | psvn       | psvn_split  | watched     |
|----------------------------|-------------|-------------|-------------|------------|-------------|-------------|
| p01.pddl                   | <b>11</b>   | <b>11</b>   | <b>11</b>   | <b>11</b>  | <b>11</b>   | <b>11</b>   |
| p02.pddl                   | 84          | 84          | 84          | None       | <b>59</b>   | 84          |
| p03.pddl                   | 215         | 215         | 215         | None       | <b>159</b>  | 215         |
| p04.pddl                   | 179         | 179         | 179         | None       | <b>134</b>  | 179         |
| p05.pddl                   | <b>277</b>  | <b>277</b>  | <b>277</b>  | <b>277</b> | <b>277</b>  | <b>277</b>  |
| p06.pddl                   | 992         | 992         | 992         | None       | <b>960</b>  | 992         |
| p07.pddl                   | <b>113</b>  | <b>113</b>  | <b>113</b>  | None       | 180         | <b>113</b>  |
| p08.pddl                   | <b>2645</b> | <b>2645</b> | <b>2645</b> | None       | 6606        | <b>2645</b> |
| p09.pddl                   | 3950        | 3950        | 3950        | None       | <b>2447</b> | 3950        |
| p10.pddl                   | <b>3913</b> | <b>3913</b> | <b>3913</b> | None       | 7814        | <b>3913</b> |
| p11.pddl                   | 6026        | 6026        | 6026        | None       | <b>5177</b> | 6026        |
| p12.pddl                   | <b>5880</b> | <b>5880</b> | <b>5880</b> | None       | 7667        | <b>5880</b> |
| p13.pddl                   | <b>6467</b> | <b>6467</b> | <b>6467</b> | None       | 8598        | <b>6467</b> |
| p14.pddl                   | <b>4069</b> | <b>4069</b> | <b>4069</b> | None       | 9967        | <b>4069</b> |
| p15.pddl                   | <b>3459</b> | <b>3459</b> | <b>3459</b> | None       | 8665        | <b>3459</b> |
| p16.pddl                   | 7902        | 7902        | 7902        | None       | <b>2687</b> | 7902        |
| p17.pddl                   | 7019        | 7019        | 7019        | None       | <b>4341</b> | 7019        |
| p18.pddl                   | <b>2585</b> | <b>2585</b> | <b>2585</b> | None       | 8047        | <b>2585</b> |
| p19.pddl                   | 4794        | 4794        | 4794        | None       | <b>3440</b> | 4794        |
| p20.pddl                   | 5623        | 5623        | 5623        | None       | <b>3002</b> | 5623        |
| p21.pddl                   | <b>6032</b> | <b>6032</b> | <b>6032</b> | None       | 9745        | <b>6032</b> |
| p22.pddl                   | <b>5594</b> | <b>5594</b> | <b>5594</b> | None       | 8862        | <b>5594</b> |
| p23.pddl                   | 4088        | 4088        | 4088        | None       | <b>2064</b> | 4088        |
| p24.pddl                   | 9610        | 9610        | 9610        | None       | <b>3078</b> | 9610        |
| p25.pddl                   | 3519        | 3519        | 3519        | None       | <b>1636</b> | 3519        |
| p26.pddl                   | 4903        | 4903        | 4903        | None       | <b>3649</b> | 4903        |
| p27.pddl                   | <b>1467</b> | <b>1467</b> | <b>1467</b> | None       | 5614        | <b>1467</b> |
| p28.pddl                   | <b>2119</b> | <b>2119</b> | <b>2119</b> | None       | 4142        | <b>2119</b> |
| p29.pddl                   | 9214        | 9214        | 9214        | None       | <b>3634</b> | 9214        |
| p30.pddl                   | 6173        | 6173        | 6173        | None       | <b>2994</b> | 6173        |

## pegsol-opt11-strips

| Expansions until last jump | default     | marked      | naive       | psvn | psvn_split  | watched     |
|----------------------------|-------------|-------------|-------------|------|-------------|-------------|
| p01.pddl                   | <b>209</b>  | <b>209</b>  | <b>209</b>  | None | 226         | <b>209</b>  |
| p02.pddl                   | 7019        | 7019        | 7019        | None | <b>4341</b> | 7019        |
| p03.pddl                   | <b>2585</b> | <b>2585</b> | <b>2585</b> | None | 8047        | <b>2585</b> |
| p04.pddl                   | 4794        | 4794        | 4794        | None | <b>3440</b> | 4794        |
| p05.pddl                   | <b>7548</b> | <b>7548</b> | <b>7548</b> | None | 9850        | <b>7548</b> |
| p06.pddl                   | 6645        | 6645        | 6645        | None | <b>4237</b> | 6645        |
| p07.pddl                   | 6308        | 6308        | 6308        | None | <b>3834</b> | 6308        |
| p08.pddl                   | 5623        | 5623        | 5623        | None | <b>3002</b> | 5623        |
| p09.pddl                   | 5630        | 5630        | 5630        | None | <b>4349</b> | 5630        |
| p10.pddl                   | <b>6032</b> | <b>6032</b> | <b>6032</b> | None | 9745        | <b>6032</b> |
| p11.pddl                   | <b>5594</b> | <b>5594</b> | <b>5594</b> | None | 8862        | <b>5594</b> |
| p12.pddl                   | 4375        | 4375        | 4375        | None | <b>1931</b> | 4375        |
| p13.pddl                   | 4088        | 4088        | 4088        | None | <b>2064</b> | 4088        |
| p14.pddl                   | 9610        | 9610        | 9610        | None | <b>3078</b> | 9610        |
| p15.pddl                   | 3519        | 3519        | 3519        | None | <b>1636</b> | 3519        |
| p16.pddl                   | 4903        | 4903        | 4903        | None | <b>3649</b> | 4903        |
| p17.pddl                   | <b>1467</b> | <b>1467</b> | <b>1467</b> | None | 5614        | <b>1467</b> |
| p18.pddl                   | <b>2119</b> | <b>2119</b> | <b>2119</b> | None | 4142        | <b>2119</b> |
| p19.pddl                   | 9214        | 9214        | 9214        | None | <b>3634</b> | 9214        |
| p20.pddl                   | 6173        | 6173        | 6173        | None | <b>2994</b> | 6173        |

# petri-net-alignment-opt18-strips

| Expansions until last jump | default     | marked      | naive       | psvn | psvn_split  | watched     |
|----------------------------|-------------|-------------|-------------|------|-------------|-------------|
| p01.pddl                   | 7753        | 7753        | 7753        | None | <b>280</b>  | 7753        |
| p02.pddl                   | 8630        | 8630        | 8630        | None | <b>8416</b> | 8630        |
| p03.pddl                   | 9367        | 9367        | 9367        | None | <b>1410</b> | 9367        |
| p04.pddl                   | 6881        | 6881        | 6881        | None | <b>646</b>  | 6881        |
| p05.pddl                   | 9622        | 9622        | 9622        | None | <b>9414</b> | 9622        |
| p06.pddl                   | 6314        | 6314        | 6314        | None | <b>787</b>  | 6314        |
| p07.pddl                   | 7418        | 7418        | 7418        | None | <b>713</b>  | 7418        |
| p08.pddl                   | 9287        | 9287        | 9287        | None | <b>187</b>  | 9287        |
| p09.pddl                   | 9867        | 9867        | 9867        | None | <b>8678</b> | 9867        |
| p10.pddl                   | <b>6532</b> | <b>6532</b> | <b>6532</b> | None | 9663        | <b>6532</b> |
| p11.pddl                   | 7458        | 7458        | 7458        | None | <b>132</b>  | 7458        |
| p12.pddl                   | 7702        | 7702        | 7702        | None | <b>342</b>  | 7702        |
| p13.pddl                   | 6696        | 6696        | 6696        | None | <b>5013</b> | 6696        |
| p14.pddl                   | 9958        | 9958        | 9958        | None | <b>1761</b> | 9958        |
| p15.pddl                   | 6761        | 6761        | 6761        | None | <b>1</b>    | 6761        |
| p16.pddl                   | 9779        | 9779        | 9779        | None | <b>60</b>   | 9779        |
| p17.pddl                   | 8530        | 8530        | 8530        | None | <b>188</b>  | 8530        |
| p18.pddl                   | <b>5773</b> | <b>5773</b> | <b>5773</b> | None | 9345        | <b>5773</b> |
| p19.pddl                   | <b>7792</b> | <b>7792</b> | <b>7792</b> | None | 8814        | <b>7792</b> |
| p20.pddl                   | 6609        | 6609        | 6609        | None | <b>1607</b> | 6609        |

# pipesworld-notankage

| Expansions until last jump | default     | marked      | naive       | psvn | psvn_split  | watched     |
|----------------------------|-------------|-------------|-------------|------|-------------|-------------|
| p01-net1-b6-g2.pddl        | <b>67</b>   | <b>67</b>   | <b>67</b>   | None | <b>67</b>   | <b>67</b>   |
| p02-net1-b6-g4.pddl        | <b>1661</b> | <b>1661</b> | <b>1661</b> | None | <b>1661</b> | <b>1661</b> |
| p03-net1-b8-g3.pddl        | <b>2060</b> | <b>2060</b> | <b>2060</b> | None | <b>2060</b> | <b>2060</b> |
| p04-net1-b8-g5.pddl        | <b>7299</b> | <b>7299</b> | <b>7299</b> | None | <b>7299</b> | <b>7299</b> |
| p05-net1-b10-g4.pddl       | 8037        | 8037        | 8037        | None | <b>7976</b> | 8037        |
| p06-net1-b10-g6.pddl       | 8037        | 8037        | 8037        | None | <b>7976</b> | 8037        |
| p07-net1-b12-g5.pddl       | 5298        | 5298        | 5298        | None | <b>5081</b> | 5298        |
| p08-net1-b12-g7.pddl       | 5298        | 5298        | 5298        | None | <b>5081</b> | 5298        |
| p09-net1-b14-g6.pddl       | <b>2884</b> | <b>2884</b> | <b>2884</b> | None | 9768        | <b>2884</b> |
| p10-net1-b14-g8.pddl       | <b>2884</b> | <b>2884</b> | <b>2884</b> | None | 9768        | <b>2884</b> |
| p11-net2-b10-g2.pddl       | 8271        | 8271        | 8271        | None | <b>7562</b> | 8271        |
| p12-net2-b10-g4.pddl       | 8271        | 8271        | 8271        | None | <b>7562</b> | 8271        |
| p13-net2-b12-g3.pddl       | <b>9970</b> | <b>9970</b> | <b>9970</b> | None | None        | <b>9970</b> |
| p14-net2-b12-g5.pddl       | <b>6436</b> | <b>6436</b> | <b>6436</b> | None | None        | <b>6436</b> |
| p15-net2-b14-g4.pddl       | <b>9205</b> | <b>9205</b> | <b>9205</b> | None | None        | <b>9205</b> |
| p16-net2-b14-g6.pddl       | <b>9205</b> | <b>9205</b> | <b>9205</b> | None | None        | <b>9205</b> |
| p17-net2-b16-g5.pddl       | <b>5384</b> | <b>5384</b> | <b>5384</b> | None | 8795        | <b>5384</b> |
| p18-net2-b16-g7.pddl       | <b>5384</b> | <b>5384</b> | <b>5384</b> | None | 8795        | <b>5384</b> |
| p19-net2-b18-g6.pddl       | <b>8645</b> | <b>8645</b> | <b>8645</b> | None | None        | <b>8645</b> |
| p20-net2-b18-g8.pddl       | <b>8645</b> | <b>8645</b> | <b>8645</b> | None | None        | <b>8645</b> |
| p21-net3-b12-g2.pddl       | 8226        | 8226        | 8226        | None | <b>5381</b> | 8226        |
| p22-net3-b12-g4.pddl       | 8226        | 8226        | 8226        | None | <b>5381</b> | 8226        |
| p23-net3-b14-g3.pddl       | <b>3698</b> | <b>3698</b> | <b>3698</b> | None | None        | <b>3698</b> |
| p24-net3-b14-g5.pddl       | <b>3698</b> | <b>3698</b> | <b>3698</b> | None | None        | <b>3698</b> |
| p25-net3-b16-g5.pddl       | 8941        | 8941        | 8941        | None | <b>6110</b> | 8941        |
| p26-net3-b16-g7.pddl       | 8941        | 8941        | 8941        | None | <b>6110</b> | 8941        |
| p27-net3-b18-g6.pddl       | <b>4504</b> | <b>4504</b> | <b>4504</b> | None | 8279        | <b>4504</b> |
| p28-net3-b18-g7.pddl       | <b>4504</b> | <b>4504</b> | <b>4504</b> | None | 8279        | <b>4504</b> |
| p29-net3-b20-g6.pddl       | <b>4924</b> | <b>4924</b> | <b>4924</b> | None | None        | <b>4924</b> |
| p30-net3-b20-g8.pddl       | <b>6376</b> | <b>6376</b> | <b>6376</b> | None | None        | <b>6376</b> |
| p31-net4-b14-g3.pddl       | 5899        | 5899        | 5899        | None | <b>4642</b> | 5899        |
| p32-net4-b14-g5.pddl       | 5899        | 5899        | 5899        | None | <b>4642</b> | 5899        |
| p33-net4-b16-g5.pddl       | <b>4108</b> | <b>4108</b> | <b>4108</b> | None | 5206        | <b>4108</b> |
| p34-net4-b16-g6.pddl       | <b>6089</b> | <b>6089</b> | <b>6089</b> | None | None        | <b>6089</b> |
| p35-net4-b18-g4.pddl       | <b>4627</b> | <b>4627</b> | <b>4627</b> | None | None        | <b>4627</b> |
| p36-net4-b18-g6.pddl       | <b>4627</b> | <b>4627</b> | <b>4627</b> | None | None        | <b>4627</b> |
| p37-net4-b20-g5.pddl       | 7763        | 7763        | 7763        | None | <b>6728</b> | 7763        |
| p38-net4-b20-g7.pddl       | 7763        | 7763        | 7763        | None | <b>6728</b> | 7763        |
| p39-net4-b22-g7.pddl       | <b>2478</b> | <b>2478</b> | <b>2478</b> | None | None        | <b>2478</b> |
| p40-net4-b22-g8.pddl       | <b>2478</b> | <b>2478</b> | <b>2478</b> | None | None        | <b>2478</b> |
| p41-net5-b22-g2.pddl       | <b>3128</b> | <b>3128</b> | <b>3128</b> | None | None        | <b>3128</b> |
| p42-net5-b22-g4.pddl       | <b>3128</b> | <b>3128</b> | <b>3128</b> | None | None        | <b>3128</b> |
| p43-net5-b24-g3.pddl       | <b>9079</b> | <b>9079</b> | <b>9079</b> | None | None        | <b>9079</b> |

## pipesworld-tankage

| Expansions until last jump | default     | marked      | naive       | psvn | psvn_split  | watched     |
|----------------------------|-------------|-------------|-------------|------|-------------|-------------|
| p01-net1-b6-g2-t50.pddl    | <b>67</b>   | <b>67</b>   | <b>67</b>   | None | 226         | <b>67</b>   |
| p02-net1-b6-g4-t50.pddl    | 1003        | 1003        | 1003        | None | <b>940</b>  | 1003        |
| p03-net1-b8-g3-t80.pddl    | 8765        | 8765        | 8765        | None | <b>8650</b> | 8765        |
| p04-net1-b8-g5-t80.pddl    | 8765        | 8765        | 8765        | None | <b>8650</b> | 8765        |
| p05-net1-b10-g4-t50.pddl   | 4657        | 4657        | 4657        | None | <b>4655</b> | 4657        |
| p06-net1-b10-g6-t50.pddl   | 4657        | 4657        | 4657        | None | <b>4655</b> | 4657        |
| p07-net1-b12-g5-t80.pddl   | 5072        | 5072        | 5072        | None | <b>4974</b> | 5072        |
| p08-net1-b12-g7-t80.pddl   | 5072        | 5072        | 5072        | None | <b>4974</b> | 5072        |
| p09-net1-b14-g6-t50.pddl   | 7308        | 7308        | 7308        | None | <b>7207</b> | 7308        |
| p10-net1-b14-g8-t50.pddl   | 7308        | 7308        | 7308        | None | <b>7207</b> | 7308        |
| p11-net2-b10-g2-t30.pddl   | 8619        | 8619        | 8619        | None | <b>355</b>  | 8619        |
| p12-net2-b10-g4-t60.pddl   | 5389        | 5389        | 5389        | None | <b>4886</b> | 5389        |
| p13-net2-b12-g3-t70.pddl   | <b>3115</b> | <b>3115</b> | <b>3115</b> | None | None        | <b>3115</b> |
| p14-net2-b12-g5-t30.pddl   | <b>4431</b> | <b>4431</b> | <b>4431</b> | None | 4526        | <b>4431</b> |
| p15-net2-b14-g4-t30.pddl   | <b>5450</b> | <b>5450</b> | <b>5450</b> | None | 7087        | <b>5450</b> |
| p16-net2-b14-g6-t80.pddl   | 8724        | 8724        | 8724        | None | <b>7515</b> | 8724        |
| p17-net2-b16-g5-t20.pddl   | <b>4894</b> | <b>4894</b> | <b>4894</b> | None | 6126        | <b>4894</b> |
| p18-net2-b16-g7-t60.pddl   | <b>2215</b> | <b>2215</b> | <b>2215</b> | None | None        | <b>2215</b> |
| p19-net2-b18-g6-t60.pddl   | <b>7332</b> | <b>7332</b> | <b>7332</b> | None | None        | <b>7332</b> |
| p20-net2-b18-g8-t90.pddl   | <b>2888</b> | <b>2888</b> | <b>2888</b> | None | None        | <b>2888</b> |
| p21-net3-b12-g2-t60.pddl   | <b>3771</b> | <b>3771</b> | <b>3771</b> | None | 5807        | <b>3771</b> |
| p22-net3-b12-g4-t60.pddl   | <b>3771</b> | <b>3771</b> | <b>3771</b> | None | 5807        | <b>3771</b> |
| p23-net3-b14-g3-t60.pddl   | <b>9861</b> | <b>9861</b> | <b>9861</b> | None | None        | <b>9861</b> |
| p24-net3-b14-g5-t60.pddl   | <b>9861</b> | <b>9861</b> | <b>9861</b> | None | None        | <b>9861</b> |
| p25-net3-b16-g5-t60.pddl   | 9233        | 9233        | 9233        | None | <b>5935</b> | 9233        |
| p26-net3-b16-g7-t70.pddl   | <b>667</b>  | <b>667</b>  | <b>667</b>  | None | None        | <b>667</b>  |
| p27-net3-b18-g6-t70.pddl   | <b>1268</b> | <b>1268</b> | <b>1268</b> | None | None        | <b>1268</b> |
| p28-net3-b18-g7-t70.pddl   | <b>1268</b> | <b>1268</b> | <b>1268</b> | None | None        | <b>1268</b> |
| p29-net3-b20-g6-t70.pddl   | <b>848</b>  | <b>848</b>  | <b>848</b>  | None | None        | <b>848</b>  |
| p30-net3-b20-g8-t70.pddl   | <b>2091</b> | <b>2091</b> | <b>2091</b> | None | None        | <b>2091</b> |
| p31-net4-b14-g3-t20.pddl   | <b>8231</b> | <b>8231</b> | <b>8231</b> | None | 9530        | <b>8231</b> |
| p32-net4-b14-g5-t30.pddl   | <b>7003</b> | <b>7003</b> | <b>7003</b> | None | None        | <b>7003</b> |
| p33-net4-b16-g5-t60.pddl   | <b>8778</b> | <b>8778</b> | <b>8778</b> | None | None        | <b>8778</b> |
| p34-net4-b16-g6-t60.pddl   | <b>3116</b> | <b>3116</b> | <b>3116</b> | None | None        | <b>3116</b> |
| p35-net4-b18-g4-t90.pddl   | <b>8956</b> | <b>8956</b> | <b>8956</b> | None | None        | <b>8956</b> |
| p36-net4-b18-g6-t90.pddl   | <b>8956</b> | <b>8956</b> | <b>8956</b> | None | None        | <b>8956</b> |
| p37-net4-b20-g5-t60.pddl   | <b>1457</b> | <b>1457</b> | <b>1457</b> | None | None        | <b>1457</b> |
| p38-net4-b20-g7-t60.pddl   | <b>1457</b> | <b>1457</b> | <b>1457</b> | None | None        | <b>1457</b> |
| p39-net4-b22-g7-t50.pddl   | <b>1951</b> | <b>1951</b> | <b>1951</b> | None | None        | <b>1951</b> |
| p40-net4-b22-g8-t50.pddl   | <b>1951</b> | <b>1951</b> | <b>1951</b> | None | None        | <b>1951</b> |
| p41-net5-b22-g2-t20.pddl   | <b>8556</b> | <b>8556</b> | <b>8556</b> | None | None        | <b>8556</b> |
| p42-net5-b22-g4-t50.pddl   | <b>1111</b> | <b>1111</b> | <b>1111</b> | None | None        | <b>1111</b> |
| p43-net5-b24-g3-t80.pddl   | <b>1275</b> | <b>1275</b> | <b>1275</b> | None | None        | <b>1275</b> |

# psr-small

| Expansions until last jump | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| p01-s2-n1-l2-f50.pddl      | 9           | 9           | 9           | 9           | <b>2</b>    | 9           |
| p02-s5-n1-l3-f30.pddl      | 66          | 66          | 66          | 66          | <b>4</b>    | 66          |
| p03-s7-n1-l3-f70.pddl      | 31          | 31          | 31          | 31          | <b>4</b>    | 31          |
| p04-s8-n1-l4-f10.pddl      | 211         | 211         | 211         | 211         | <b>4</b>    | 211         |
| p05-s9-n1-l4-f30.pddl      | 130         | 130         | 130         | 130         | <b>4</b>    | 130         |
| p06-s10-n1-l4-f50.pddl     | 9           | 9           | 9           | 9           | <b>2</b>    | 9           |
| p07-s11-n1-l4-f70.pddl     | 104         | 104         | 104         | 104         | <b>4</b>    | 104         |
| p08-s12-n1-l5-f10.pddl     | 67          | 67          | 67          | 67          | <b>2</b>    | 67          |
| p09-s13-n1-l5-f30.pddl     | 32          | 32          | 32          | 32          | <b>2</b>    | 32          |
| p10-s17-n2-l2-f30.pddl     | 665         | 665         | 665         | 665         | <b>0</b>    | 665         |
| p11-s18-n2-l2-f50.pddl     | 151         | 151         | 151         | 151         | <b>11</b>   | 151         |
| p12-s21-n2-l3-f30.pddl     | 141         | 141         | 141         | 141         | <b>7</b>    | 141         |
| p13-s22-n2-l3-f50.pddl     | 93          | 93          | 93          | 93          | <b>5</b>    | 93          |
| p14-s23-n2-l3-f70.pddl     | 25          | 25          | 25          | 25          | <b>5</b>    | 25          |
| p15-s24-n2-l4-f10.pddl     | <b>1405</b> | <b>1405</b> | <b>1405</b> | <b>1405</b> | <b>1405</b> | <b>1405</b> |
| p16-s29-n2-l5-f30.pddl     | 2665        | 2665        | 2665        | 2665        | <b>25</b>   | 2665        |
| p17-s30-n2-l5-f50.pddl     | 14          | 14          | 14          | 14          | <b>3</b>    | 14          |
| p18-s31-n2-l5-f70.pddl     | 140         | 140         | 140         | 140         | <b>9</b>    | 140         |
| p19-s33-n3-l2-f30.pddl     | 8833        | 8833        | 8833        | 8833        | <b>17</b>   | 8833        |
| p20-s34-n3-l2-f50.pddl     | 82          | 82          | 82          | 82          | <b>11</b>   | 82          |
| p21-s35-n3-l2-f70.pddl     | 36          | 36          | 36          | 36          | <b>7</b>    | 36          |
| p22-s37-n3-l3-f30.pddl     | 5162        | 5162        | 5162        | 5162        | <b>43</b>   | 5162        |
| p23-s38-n3-l3-f50.pddl     | 166         | 166         | 166         | 166         | <b>19</b>   | 166         |
| p24-s39-n3-l3-f70.pddl     | 36          | 36          | 36          | 36          | <b>7</b>    | 36          |
| p25-s40-n3-l4-f10.pddl     | 3656        | 3656        | 3656        | 3656        | <b>2916</b> | 3656        |
| p26-s41-n3-l4-f30.pddl     | 170         | 170         | 170         | 170         | <b>15</b>   | 170         |
| p27-s42-n3-l4-f50.pddl     | 765         | 765         | 765         | 765         | <b>23</b>   | 765         |
| p28-s43-n3-l4-f70.pddl     | 87          | 87          | 87          | 87          | <b>35</b>   | 87          |
| p29-s45-n3-l5-f30.pddl     | 5783        | 5783        | 5783        | 5783        | <b>3</b>    | 5783        |
| p30-s46-n3-l5-f50.pddl     | 2239        | 2239        | 2239        | 2239        | <b>23</b>   | 2239        |
| p31-s49-n4-l2-f30.pddl     | 5445        | 5445        | 5445        | 5445        | <b>23</b>   | 5445        |
| p32-s50-n4-l2-f50.pddl     | 433         | 433         | 433         | 433         | <b>55</b>   | 433         |
| p33-s51-n4-l2-f70.pddl     | 2097        | 2097        | 2097        | 2097        | <b>39</b>   | 2097        |
| p34-s55-n4-l3-f70.pddl     | 225         | 225         | 225         | 225         | <b>31</b>   | 225         |
| p35-s57-n5-l2-f30.pddl     | 6384        | 6384        | 6384        | None        | <b>23</b>   | 6384        |
| p36-s65-n6-l2-f30.pddl     | 5008        | 5008        | 5008        | None        | <b>11</b>   | 5008        |
| p37-s67-n6-l2-f70.pddl     | 1494        | 1494        | 1494        | 1494        | <b>47</b>   | 1494        |
| p38-s78-n3-l3-f50.pddl     | 513         | 513         | 513         | 513         | <b>3</b>    | 513         |
| p39-s79-n3-l3-f70.pddl     | 3593        | 3593        | 3593        | 3593        | <b>71</b>   | 3593        |
| p40-s80-n3-l4-f10.pddl     | 6164        | 6164        | 6164        | None        | <b>0</b>    | 6164        |
| p41-s81-n3-l4-f30.pddl     | 52          | 52          | 52          | 52          | <b>11</b>   | 52          |
| p42-s82-n3-l4-f50.pddl     | 1875        | 1875        | 1875        | 1875        | <b>67</b>   | 1875        |
| p43-s83-n3-l4-f70.pddl     | 331         | 331         | 331         | 331         | <b>19</b>   | 331         |

# rovers

| Expansions until last jump | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| p01.pddl                   | 871         | 871         | 871         | 871         | <b>843</b>  | 871         |
| p02.pddl                   | <b>241</b>  | <b>241</b>  | <b>241</b>  | <b>241</b>  | <b>241</b>  | <b>241</b>  |
| p03.pddl                   | <b>3096</b> | <b>3096</b> | <b>3096</b> | <b>3096</b> | <b>3096</b> | <b>3096</b> |
| p04.pddl                   | <b>814</b>  | <b>814</b>  | <b>814</b>  | <b>814</b>  | <b>814</b>  | <b>814</b>  |
| p05.pddl                   | <b>4682</b> | <b>4682</b> | <b>4682</b> | <b>4682</b> | <b>4682</b> | <b>4682</b> |
| p06.pddl                   | 7850        | 7850        | 7850        | 7850        | <b>6961</b> | 7850        |
| p07.pddl                   | 9436        | 9436        | 9436        | None        | <b>9249</b> | 9436        |
| p08.pddl                   | 7554        | 7554        | 7554        | None        | <b>4026</b> | 7554        |
| p09.pddl                   | 7722        | 7722        | 7722        | None        | <b>4364</b> | 7722        |
| p10.pddl                   | <b>1691</b> | <b>1691</b> | <b>1691</b> | None        | 7451        | <b>1691</b> |
| p11.pddl                   | 7817        | 7817        | 7817        | None        | <b>4751</b> | 7817        |
| p12.pddl                   | 5288        | 5288        | 5288        | None        | <b>4943</b> | 5288        |
| p13.pddl                   | 7962        | 7962        | 7962        | None        | <b>5911</b> | 7962        |
| p14.pddl                   | 2297        | 2297        | 2297        | None        | <b>2025</b> | 2297        |
| p15.pddl                   | 3039        | 3039        | 3039        | None        | <b>2492</b> | 3039        |
| p16.pddl                   | <b>2106</b> | <b>2106</b> | <b>2106</b> | None        | 7983        | <b>2106</b> |
| p17.pddl                   | 8162        | 8162        | 8162        | None        | <b>4821</b> | 8162        |
| p18.pddl                   | 1091        | 1091        | 1091        | None        | <b>827</b>  | 1091        |
| p19.pddl                   | <b>958</b>  | <b>958</b>  | <b>958</b>  | None        | 5396        | <b>958</b>  |
| p20.pddl                   | 1466        | 1466        | 1466        | None        | <b>1111</b> | 1466        |
| p21.pddl                   | <b>1223</b> | <b>1223</b> | <b>1223</b> | None        | 8361        | <b>1223</b> |
| p22.pddl                   | <b>1113</b> | <b>1113</b> | <b>1113</b> | None        | 7140        | <b>1113</b> |
| p23.pddl                   | 1441        | 1441        | 1441        | None        | <b>811</b>  | 1441        |
| p24.pddl                   | 1968        | 1968        | 1968        | None        | <b>1136</b> | 1968        |
| p25.pddl                   | 2900        | 2900        | 2900        | None        | <b>1268</b> | 2900        |
| p26.pddl                   | 2077        | 2077        | 2077        | None        | <b>1365</b> | 2077        |
| p27.pddl                   | 1764        | 1764        | 1764        | None        | <b>795</b>  | 1764        |
| p28.pddl                   | 3065        | 3065        | 3065        | None        | <b>1531</b> | 3065        |
| p29.pddl                   | 4524        | 4524        | 4524        | None        | <b>2391</b> | 4524        |
| p30.pddl                   | <b>3836</b> | <b>3836</b> | <b>3836</b> | None        | None        | <b>3836</b> |
| p31.pddl                   | 3739        | 3739        | 3739        | None        | <b>1805</b> | 3739        |
| p32.pddl                   | 4646        | 4646        | 4646        | None        | <b>1916</b> | 4646        |
| p33.pddl                   | 3611        | 3611        | 3611        | None        | <b>1422</b> | 3611        |
| p34.pddl                   | <b>5793</b> | <b>5793</b> | <b>5793</b> | None        | None        | <b>5793</b> |
| p35.pddl                   | <b>5602</b> | <b>5602</b> | <b>5602</b> | None        | None        | <b>5602</b> |
| p36.pddl                   | <b>5322</b> | <b>5322</b> | <b>5322</b> | None        | None        | <b>5322</b> |
| p37.pddl                   | <b>5943</b> | <b>5943</b> | <b>5943</b> | None        | None        | <b>5943</b> |
| p38.pddl                   | <b>6934</b> | <b>6934</b> | <b>6934</b> | None        | None        | <b>6934</b> |
| p39.pddl                   | <b>5292</b> | <b>5292</b> | <b>5292</b> | None        | None        | <b>5292</b> |
| p40.pddl                   | <b>8544</b> | <b>8544</b> | <b>8544</b> | None        | None        | <b>8544</b> |



## satellite

| Expansions until last jump | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| p01-pfile1.pddl            | <b>79</b>   | <b>79</b>   | <b>79</b>   | <b>79</b>   | <b>79</b>   | <b>79</b>   |
| p02-pfile2.pddl            | 1539        | 1539        | 1539        | 1539        | <b>1538</b> | 1539        |
| p03-pfile3.pddl            | 7731        | 7731        | 7731        | 7731        | <b>7665</b> | 7731        |
| p04-pfile4.pddl            | 4727        | 4727        | 4727        | 4727        | <b>4704</b> | 4727        |
| p05-pfile5.pddl            | 4265        | 4265        | 4265        | None        | <b>3121</b> | 4265        |
| p06-pfile6.pddl            | <b>3211</b> | <b>3211</b> | <b>3211</b> | <b>3211</b> | <b>3211</b> | <b>3211</b> |
| p07-pfile7.pddl            | <b>1154</b> | <b>1154</b> | <b>1154</b> | None        | 8983        | <b>1154</b> |
| p08-pfile8.pddl            | 1841        | 1841        | 1841        | None        | <b>1166</b> | 1841        |
| p09-pfile9.pddl            | 2858        | 2858        | 2858        | None        | <b>2276</b> | 2858        |
| p10-pfile10.pddl           | 3582        | 3582        | 3582        | None        | <b>2521</b> | 3582        |
| p11-pfile11.pddl           | 4601        | 4601        | 4601        | None        | <b>3328</b> | 4601        |
| p12-pfile12.pddl           | 7131        | 7131        | 7131        | None        | <b>4763</b> | 7131        |
| p13-pfile13.pddl           | 9901        | 9901        | 9901        | None        | <b>6165</b> | 9901        |
| p14-pfile14.pddl           | <b>157</b>  | <b>157</b>  | <b>157</b>  | None        | 8065        | <b>157</b>  |
| p15-pfile15.pddl           | 212         | 212         | 212         | None        | <b>177</b>  | 212         |
| p16-pfile16.pddl           | 264         | 264         | 264         | None        | <b>220</b>  | 264         |
| p17-pfile17.pddl           | 313         | 313         | 313         | None        | <b>231</b>  | 313         |
| p18-pfile18.pddl           | 7519        | 7519        | 7519        | None        | <b>6210</b> | 7519        |
| p19-pfile19.pddl           | 9147        | 9147        | 9147        | None        | <b>6714</b> | 9147        |
| p20-pfile20.pddl           | 9709        | 9709        | 9709        | None        | <b>6886</b> | 9709        |
| p21-HC-pfile1.pddl         | 222         | 222         | 222         | None        | <b>173</b>  | 222         |
| p22-HC-pfile2.pddl         | 271         | 271         | 271         | None        | <b>196</b>  | 271         |
| p23-HC-pfile3.pddl         | 383         | 383         | 383         | None        | <b>306</b>  | 383         |
| p24-HC-pfile4.pddl         | 520         | 520         | 520         | None        | <b>406</b>  | 520         |
| p25-HC-pfile5.pddl         | 594         | 594         | 594         | None        | <b>370</b>  | 594         |
| p26-HC-pfile6.pddl         | 605         | 605         | 605         | None        | <b>376</b>  | 605         |
| p27-HC-pfile7.pddl         | 758         | 758         | 758         | None        | <b>541</b>  | 758         |
| p28-HC-pfile8.pddl         | <b>1065</b> | <b>1065</b> | <b>1065</b> | None        | None        | <b>1065</b> |
| p29-HC-pfile9.pddl         | <b>1589</b> | <b>1589</b> | <b>1589</b> | None        | None        | <b>1589</b> |
| p30-HC-pfile10.pddl        | <b>1892</b> | <b>1892</b> | <b>1892</b> | None        | None        | <b>1892</b> |
| p31-HC-pfile11.pddl        | <b>2341</b> | <b>2341</b> | <b>2341</b> | None        | None        | <b>2341</b> |
| p32-HC-pfile12.pddl        | <b>3091</b> | <b>3091</b> | <b>3091</b> | None        | None        | <b>3091</b> |
| p33-HC-pfile13.pddl        | <b>3846</b> | <b>3846</b> | <b>3846</b> | None        | None        | <b>3846</b> |
| p34-HC-pfile14.pddl        | <b>1028</b> | <b>1028</b> | <b>1028</b> | None        | None        | <b>1028</b> |
| p35-HC-pfile15.pddl        | <b>1649</b> | <b>1649</b> | <b>1649</b> | None        | None        | <b>1649</b> |
| p36-HC-pfile16.pddl        | <b>2064</b> | <b>2064</b> | <b>2064</b> | None        | None        | <b>2064</b> |

## scanalyzer-08-strips

| Expansions until last jump | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| p01.pddl                   | <b>8463</b> | <b>8463</b> | <b>8463</b> | <b>8463</b> | <b>8463</b> | <b>8463</b> |
| p02.pddl                   | <b>8640</b> | <b>8640</b> | <b>8640</b> | <b>8640</b> | <b>8640</b> | <b>8640</b> |
| p03.pddl                   | <b>8119</b> | <b>8119</b> | <b>8119</b> | <b>8119</b> | <b>8119</b> | <b>8119</b> |
| p04.pddl                   | <b>6033</b> | <b>6033</b> | <b>6033</b> | None        | None        | <b>6033</b> |
| p05.pddl                   | <b>5766</b> | <b>5766</b> | <b>5766</b> | None        | 8701        | <b>5766</b> |
| p06.pddl                   | <b>5697</b> | <b>5697</b> | <b>5697</b> | None        | 9893        | <b>5697</b> |
| p07.pddl                   | <b>4671</b> | <b>4671</b> | <b>4671</b> | None        | None        | <b>4671</b> |
| p08.pddl                   | <b>4651</b> | <b>4651</b> | <b>4651</b> | None        | None        | <b>4651</b> |
| p09.pddl                   | 4647        | 4647        | 4647        | None        | <b>2444</b> | 4647        |
| p10.pddl                   | <b>847</b>  | <b>847</b>  | <b>847</b>  | None        | None        | <b>847</b>  |
| p11.pddl                   | <b>847</b>  | <b>847</b>  | <b>847</b>  | None        | 3569        | <b>847</b>  |
| p12.pddl                   | <b>847</b>  | <b>847</b>  | <b>847</b>  | None        | None        | <b>847</b>  |
| p13.pddl                   | <b>1520</b> | <b>1520</b> | <b>1520</b> | None        | None        | <b>1520</b> |
| p14.pddl                   | <b>1520</b> | <b>1520</b> | <b>1520</b> | None        | None        | <b>1520</b> |
| p15.pddl                   | <b>1520</b> | <b>1520</b> | <b>1520</b> | None        | None        | <b>1520</b> |
| p16.pddl                   | <b>2529</b> | <b>2529</b> | <b>2529</b> | None        | None        | <b>2529</b> |
| p17.pddl                   | <b>2529</b> | <b>2529</b> | <b>2529</b> | None        | None        | <b>2529</b> |
| p18.pddl                   | <b>2529</b> | <b>2529</b> | <b>2529</b> | None        | None        | <b>2529</b> |
| p19.pddl                   | <b>3970</b> | <b>3970</b> | <b>3970</b> | None        | None        | <b>3970</b> |
| p20.pddl                   | <b>3970</b> | <b>3970</b> | <b>3970</b> | None        | None        | <b>3970</b> |
| p21.pddl                   | <b>3970</b> | <b>3970</b> | <b>3970</b> | None        | None        | <b>3970</b> |
| p22.pddl                   | <b>53</b>   | <b>53</b>   | <b>53</b>   | <b>53</b>   | <b>53</b>   | <b>53</b>   |
| p23.pddl                   | <b>53</b>   | <b>53</b>   | <b>53</b>   | <b>53</b>   | <b>53</b>   | <b>53</b>   |
| p24.pddl                   | <b>53</b>   | <b>53</b>   | <b>53</b>   | <b>53</b>   | <b>53</b>   | <b>53</b>   |
| p25.pddl                   | 9278        | 9278        | 9278        | None        | <b>9071</b> | 9278        |
| p26.pddl                   | 7548        | 7548        | 7548        | None        | <b>7338</b> | 7548        |
| p27.pddl                   | 6687        | 6687        | 6687        | None        | <b>6327</b> | 6687        |
| p28.pddl                   | <b>3229</b> | <b>3229</b> | <b>3229</b> | None        | None        | <b>3229</b> |
| p29.pddl                   | <b>3139</b> | <b>3139</b> | <b>3139</b> | None        | None        | <b>3139</b> |
| p30.pddl                   | <b>3109</b> | <b>3109</b> | <b>3109</b> | None        | None        | <b>3109</b> |

# scanalyzer-opt11-strips

| Expansions until last jump | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| p01.pddl                   | <b>53</b>   | <b>53</b>   | <b>53</b>   | <b>53</b>   | <b>53</b>   | <b>53</b>   |
| p02.pddl                   | <b>8640</b> | <b>8640</b> | <b>8640</b> | <b>8640</b> | <b>8640</b> | <b>8640</b> |
| p03.pddl                   | <b>8119</b> | <b>8119</b> | <b>8119</b> | <b>8119</b> | <b>8119</b> | <b>8119</b> |
| p04.pddl                   | <b>6033</b> | <b>6033</b> | <b>6033</b> | None        | None        | <b>6033</b> |
| p05.pddl                   | <b>4671</b> | <b>4671</b> | <b>4671</b> | None        | None        | <b>4671</b> |
| p06.pddl                   | <b>5766</b> | <b>5766</b> | <b>5766</b> | None        | 8701        | <b>5766</b> |
| p07.pddl                   | <b>3970</b> | <b>3970</b> | <b>3970</b> | None        | None        | <b>3970</b> |
| p08.pddl                   | <b>847</b>  | <b>847</b>  | <b>847</b>  | None        | None        | <b>847</b>  |
| p09.pddl                   | <b>1520</b> | <b>1520</b> | <b>1520</b> | None        | None        | <b>1520</b> |
| p10.pddl                   | <b>2529</b> | <b>2529</b> | <b>2529</b> | None        | None        | <b>2529</b> |
| p11.pddl                   | 9278        | 9278        | 9278        | None        | <b>9071</b> | 9278        |
| p12.pddl                   | <b>5697</b> | <b>5697</b> | <b>5697</b> | None        | 9893        | <b>5697</b> |
| p13.pddl                   | 6687        | 6687        | 6687        | None        | <b>6327</b> | 6687        |
| p14.pddl                   | 7548        | 7548        | 7548        | None        | <b>7338</b> | 7548        |
| p15.pddl                   | <b>4651</b> | <b>4651</b> | <b>4651</b> | None        | None        | <b>4651</b> |
| p16.pddl                   | <b>847</b>  | <b>847</b>  | <b>847</b>  | None        | 3569        | <b>847</b>  |
| p17.pddl                   | <b>1520</b> | <b>1520</b> | <b>1520</b> | None        | None        | <b>1520</b> |
| p18.pddl                   | <b>2529</b> | <b>2529</b> | <b>2529</b> | None        | None        | <b>2529</b> |
| p19.pddl                   | <b>3970</b> | <b>3970</b> | <b>3970</b> | None        | None        | <b>3970</b> |
| p20.pddl                   | <b>3229</b> | <b>3229</b> | <b>3229</b> | None        | None        | <b>3229</b> |

# snake-opt18-strips

| Expansions until last jump | default     | marked      | naive       | psvn | psvn_split  | watched     |
|----------------------------|-------------|-------------|-------------|------|-------------|-------------|
| p01.pddl                   | <b>6756</b> | <b>6756</b> | <b>6756</b> | None | <b>6756</b> | <b>6756</b> |
| p02.pddl                   | 8959        | 8959        | 8959        | None | <b>8958</b> | 8959        |
| p03.pddl                   | 8505        | 8505        | 8505        | None | <b>8491</b> | 8505        |
| p04.pddl                   | 1426        | 1426        | 1426        | None | <b>1411</b> | 1426        |
| p05.pddl                   | 9522        | 9522        | 9522        | None | <b>9502</b> | 9522        |
| p06.pddl                   | 8411        | 8411        | 8411        | None | <b>8293</b> | 8411        |
| p07.pddl                   | 9455        | 9455        | 9455        | None | <b>9453</b> | 9455        |
| p08.pddl                   | 8939        | 8939        | 8939        | None | <b>8657</b> | 8939        |
| p09.pddl                   | 6891        | 6891        | 6891        | None | <b>6878</b> | 6891        |
| p10.pddl                   | 7494        | 7494        | 7494        | None | <b>7472</b> | 7494        |
| p11.pddl                   | 9264        | 9264        | 9264        | None | <b>9245</b> | 9264        |
| p12.pddl                   | 8609        | 8609        | 8609        | None | <b>8562</b> | 8609        |
| p13.pddl                   | 7286        | 7286        | 7286        | None | <b>7246</b> | 7286        |
| p14.pddl                   | 7533        | 7533        | 7533        | None | <b>7484</b> | 7533        |
| p15.pddl                   | 7963        | 7963        | 7963        | None | <b>7958</b> | 7963        |
| p16.pddl                   | 7863        | 7863        | 7863        | None | <b>7862</b> | 7863        |
| p17.pddl                   | <b>6522</b> | <b>6522</b> | <b>6522</b> | None | 9410        | <b>6522</b> |
| p18.pddl                   | 6970        | 6970        | 6970        | None | <b>6830</b> | 6970        |
| p19.pddl                   | 8657        | 8657        | 8657        | None | <b>8541</b> | 8657        |
| p20.pddl                   | 8041        | 8041        | 8041        | None | <b>8026</b> | 8041        |

# sokoban-opt08-strips

| Expansions until last jump | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| p01.pddl                   | 1741        | 1741        | 1741        | 1741        | <b>273</b>  | 1741        |
| p02.pddl                   | <b>1281</b> | <b>1281</b> | <b>1281</b> | <b>1281</b> | <b>1281</b> | <b>1281</b> |
| p03.pddl                   | 1158        | 1158        | 1158        | 1158        | <b>153</b>  | 1158        |
| p04.pddl                   | 7569        | 7569        | 7569        | None        | <b>0</b>    | 7569        |
| p05.pddl                   | <b>1520</b> | <b>1520</b> | <b>1520</b> | None        | 4745        | <b>1520</b> |
| p06.pddl                   | 7942        | 7942        | 7942        | None        | <b>7354</b> | 7942        |
| p07.pddl                   | 6212        | 6212        | 6212        | None        | <b>23</b>   | 6212        |
| p08.pddl                   | <b>5608</b> | <b>5608</b> | <b>5608</b> | None        | 9037        | <b>5608</b> |
| p09.pddl                   | 4761        | 4761        | 4761        | None        | <b>0</b>    | 4761        |
| p10.pddl                   | <b>4480</b> | <b>4480</b> | <b>4480</b> | None        | 9974        | <b>4480</b> |
| p11.pddl                   | 8718        | 8718        | 8718        | None        | <b>226</b>  | 8718        |
| p12.pddl                   | <b>7607</b> | <b>7607</b> | <b>7607</b> | None        | 9777        | <b>7607</b> |
| p13.pddl                   | 6016        | 6016        | 6016        | None        | <b>4891</b> | 6016        |
| p14.pddl                   | 8435        | 8435        | 8435        | None        | <b>41</b>   | 8435        |
| p15.pddl                   | 9006        | 9006        | 9006        | None        | <b>7597</b> | 9006        |
| p16.pddl                   | 9491        | 9491        | 9491        | None        | <b>371</b>  | 9491        |
| p17.pddl                   | 8934        | 8934        | 8934        | None        | <b>1066</b> | 8934        |
| p18.pddl                   | 7877        | 7877        | 7877        | None        | <b>2612</b> | 7877        |
| p19.pddl                   | 5194        | 5194        | 5194        | None        | <b>1263</b> | 5194        |
| p20.pddl                   | 647         | 647         | 647         | None        | <b>102</b>  | 647         |
| p21.pddl                   | <b>7585</b> | <b>7585</b> | <b>7585</b> | None        | 9053        | <b>7585</b> |
| p22.pddl                   | 6415        | 6415        | 6415        | None        | <b>104</b>  | 6415        |
| p23.pddl                   | 7362        | 7362        | 7362        | None        | <b>1609</b> | 7362        |
| p24.pddl                   | 9330        | 9330        | 9330        | None        | <b>48</b>   | 9330        |
| p25.pddl                   | 9025        | 9025        | 9025        | None        | <b>1884</b> | 9025        |
| p26.pddl                   | 5322        | 5322        | 5322        | None        | <b>5113</b> | 5322        |
| p27.pddl                   | 7719        | 7719        | 7719        | None        | <b>6526</b> | 7719        |
| p28.pddl                   | 6394        | 6394        | 6394        | None        | <b>0</b>    | 6394        |
| p29.pddl                   | 8040        | 8040        | 8040        | None        | <b>2475</b> | 8040        |
| p30.pddl                   | <b>5383</b> | <b>5383</b> | <b>5383</b> | None        | None        | <b>5383</b> |

# sokoban-opt11-strips

| Expansions until last jump | default     | marked      | naive       | psvn | psvn_split  | watched     |
|----------------------------|-------------|-------------|-------------|------|-------------|-------------|
| p01.pddl                   | 7942        | 7942        | 7942        | None | <b>7354</b> | 7942        |
| p02.pddl                   | 8934        | 8934        | 8934        | None | <b>1066</b> | 8934        |
| p03.pddl                   | 8435        | 8435        | 8435        | None | <b>41</b>   | 8435        |
| p04.pddl                   | 7569        | 7569        | 7569        | None | <b>0</b>    | 7569        |
| p05.pddl                   | 9491        | 9491        | 9491        | None | <b>371</b>  | 9491        |
| p06.pddl                   | 8718        | 8718        | 8718        | None | <b>226</b>  | 8718        |
| p07.pddl                   | <b>4480</b> | <b>4480</b> | <b>4480</b> | None | 9974        | <b>4480</b> |
| p08.pddl                   | 4761        | 4761        | 4761        | None | <b>0</b>    | 4761        |
| p09.pddl                   | 6212        | 6212        | 6212        | None | <b>23</b>   | 6212        |
| p10.pddl                   | <b>1520</b> | <b>1520</b> | <b>1520</b> | None | 4745        | <b>1520</b> |
| p11.pddl                   | 6016        | 6016        | 6016        | None | <b>4891</b> | 6016        |
| p12.pddl                   | 647         | 647         | 647         | None | <b>102</b>  | 647         |
| p13.pddl                   | <b>5608</b> | <b>5608</b> | <b>5608</b> | None | 9037        | <b>5608</b> |
| p14.pddl                   | <b>7607</b> | <b>7607</b> | <b>7607</b> | None | 9777        | <b>7607</b> |
| p15.pddl                   | 7877        | 7877        | 7877        | None | <b>2612</b> | 7877        |
| p16.pddl                   | 9006        | 9006        | 9006        | None | <b>7597</b> | 9006        |
| p17.pddl                   | 5194        | 5194        | 5194        | None | <b>1263</b> | 5194        |
| p18.pddl                   | <b>7585</b> | <b>7585</b> | <b>7585</b> | None | 9053        | <b>7585</b> |
| p19.pddl                   | 6415        | 6415        | 6415        | None | <b>104</b>  | 6415        |
| p20.pddl                   | 7362        | 7362        | 7362        | None | <b>1609</b> | 7362        |

# spider-opt18-strips

| Expansions until last jump | default     | marked      | naive       | psvn | psvn_split | watched     |
|----------------------------|-------------|-------------|-------------|------|------------|-------------|
| p01.pddl                   | 9502        | 9502        | 9502        | None | <b>1</b>   | 9502        |
| p02.pddl                   | <b>7550</b> | <b>7550</b> | <b>7550</b> | None | None       | <b>7550</b> |
| p03.pddl                   | 8071        | 8071        | 8071        | None | <b>1</b>   | 8071        |
| p04.pddl                   | <b>6916</b> | <b>6916</b> | <b>6916</b> | None | None       | <b>6916</b> |
| p05.pddl                   | <b>9088</b> | <b>9088</b> | <b>9088</b> | None | None       | <b>9088</b> |
| p06.pddl                   | <b>9832</b> | <b>9832</b> | <b>9832</b> | None | None       | <b>9832</b> |
| p07.pddl                   | 4219        | 4219        | 4219        | None | <b>7</b>   | 4219        |
| p08.pddl                   | <b>8487</b> | <b>8487</b> | <b>8487</b> | None | None       | <b>8487</b> |
| p09.pddl                   | 8808        | 8808        | 8808        | None | <b>1</b>   | 8808        |
| p10.pddl                   | 8860        | 8860        | 8860        | None | <b>1</b>   | 8860        |
| p11.pddl                   | <b>9594</b> | <b>9594</b> | <b>9594</b> | None | None       | <b>9594</b> |
| p12.pddl                   | <b>4696</b> | <b>4696</b> | <b>4696</b> | None | None       | <b>4696</b> |
| p13.pddl                   | <b>7803</b> | <b>7803</b> | <b>7803</b> | None | None       | <b>7803</b> |
| p14.pddl                   | 8017        | 8017        | 8017        | None | <b>37</b>  | 8017        |
| p15.pddl                   | <b>1310</b> | <b>1310</b> | <b>1310</b> | None | None       | <b>1310</b> |
| p16.pddl                   | 7780        | 7780        | 7780        | None | <b>1</b>   | 7780        |
| p17.pddl                   | <b>6480</b> | <b>6480</b> | <b>6480</b> | None | None       | <b>6480</b> |
| p18.pddl                   | <b>5033</b> | <b>5033</b> | <b>5033</b> | None | None       | <b>5033</b> |
| p19.pddl                   | <b>5842</b> | <b>5842</b> | <b>5842</b> | None | None       | <b>5842</b> |
| p20.pddl                   | <b>9111</b> | <b>9111</b> | <b>9111</b> | None | None       | <b>9111</b> |

## storage

| Expansions until last jump | default     | marked      | naive       | psvn       | psvn_split  | watched     |
|----------------------------|-------------|-------------|-------------|------------|-------------|-------------|
| p01.pddl                   | <b>2</b>    | <b>2</b>    | <b>2</b>    | <b>2</b>   | <b>2</b>    | <b>2</b>    |
| p02.pddl                   | <b>2</b>    | <b>2</b>    | <b>2</b>    | <b>2</b>   | <b>2</b>    | <b>2</b>    |
| p03.pddl                   | <b>2</b>    | <b>2</b>    | <b>2</b>    | <b>2</b>   | <b>2</b>    | <b>2</b>    |
| p04.pddl                   | <b>49</b>   | <b>49</b>   | <b>49</b>   | <b>49</b>  | <b>49</b>   | <b>49</b>   |
| p05.pddl                   | 137         | 137         | 137         | 137        | <b>106</b>  | 137         |
| p06.pddl                   | 265         | 265         | 265         | 265        | <b>88</b>   | 265         |
| p07.pddl                   | <b>756</b>  | <b>756</b>  | <b>756</b>  | <b>756</b> | <b>756</b>  | <b>756</b>  |
| p08.pddl                   | 7495        | 7495        | 7495        | None       | <b>7276</b> | 7495        |
| p09.pddl                   | 8200        | 8200        | 8200        | None       | <b>4793</b> | 8200        |
| p10.pddl                   | <b>5545</b> | <b>5545</b> | <b>5545</b> | None       | <b>5545</b> | <b>5545</b> |
| p11.pddl                   | 6265        | 6265        | 6265        | None       | <b>5231</b> | 6265        |
| p12.pddl                   | <b>5033</b> | <b>5033</b> | <b>5033</b> | None       | 7033        | <b>5033</b> |
| p13.pddl                   | 6021        | 6021        | 6021        | None       | <b>5786</b> | 6021        |
| p14.pddl                   | <b>4046</b> | <b>4046</b> | <b>4046</b> | None       | 9196        | <b>4046</b> |
| p15.pddl                   | <b>4475</b> | <b>4475</b> | <b>4475</b> | None       | 9154        | <b>4475</b> |
| p16.pddl                   | 9164        | 9164        | 9164        | None       | <b>7838</b> | 9164        |
| p17.pddl                   | 9288        | 9288        | 9288        | None       | <b>8105</b> | 9288        |
| p18.pddl                   | <b>3911</b> | <b>3911</b> | <b>3911</b> | None       | 5602        | <b>3911</b> |
| p19.pddl                   | 5141        | 5141        | 5141        | None       | <b>3956</b> | 5141        |
| p20.pddl                   | <b>2024</b> | <b>2024</b> | <b>2024</b> | None       | 2836        | <b>2024</b> |
| p21.pddl                   | <b>2499</b> | <b>2499</b> | <b>2499</b> | None       | 5513        | <b>2499</b> |
| p22.pddl                   | <b>2307</b> | <b>2307</b> | <b>2307</b> | None       | 7221        | <b>2307</b> |
| p23.pddl                   | 3832        | 3832        | 3832        | None       | <b>3268</b> | 3832        |
| p24.pddl                   | 2940        | 2940        | 2940        | None       | <b>2323</b> | 2940        |
| p25.pddl                   | 4541        | 4541        | 4541        | None       | <b>2811</b> | 4541        |
| p26.pddl                   | 8941        | 8941        | 8941        | None       | <b>3353</b> | 8941        |
| p27.pddl                   | 7183        | 7183        | 7183        | None       | <b>4684</b> | 7183        |
| p28.pddl                   | <b>2710</b> | <b>2710</b> | <b>2710</b> | None       | 9715        | <b>2710</b> |
| p29.pddl                   | <b>7403</b> | <b>7403</b> | <b>7403</b> | None       | None        | <b>7403</b> |
| p30.pddl                   | <b>8195</b> | <b>8195</b> | <b>8195</b> | None       | None        | <b>8195</b> |



# termes-opt18-strips

| Expansions until last jump | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| p01.pddl                   | 8588        | 8588        | 8588        | 8588        | <b>8569</b> | 8588        |
| p02.pddl                   | 8588        | 8588        | 8588        | 8588        | <b>8569</b> | 8588        |
| p03.pddl                   | 8588        | 8588        | 8588        | None        | <b>8421</b> | 8588        |
| p04.pddl                   | 8588        | 8588        | 8588        | None        | <b>8156</b> | 8588        |
| p05.pddl                   | 8588        | 8588        | 8588        | None        | <b>8016</b> | 8588        |
| p06.pddl                   | 8588        | 8588        | 8588        | None        | <b>8016</b> | 8588        |
| p07.pddl                   | <b>8588</b> | <b>8588</b> | <b>8588</b> | None        | 9125        | <b>8588</b> |
| p08.pddl                   | <b>8588</b> | <b>8588</b> | <b>8588</b> | None        | 9125        | <b>8588</b> |
| p09.pddl                   | <b>8588</b> | <b>8588</b> | <b>8588</b> | None        | 9654        | <b>8588</b> |
| p10.pddl                   | <b>8588</b> | <b>8588</b> | <b>8588</b> | None        | 9654        | <b>8588</b> |
| p11.pddl                   | 8588        | 8588        | 8588        | 8588        | <b>7557</b> | 8588        |
| p12.pddl                   | 8588        | 8588        | 8588        | 8588        | <b>7557</b> | 8588        |
| p13.pddl                   | 8588        | 8588        | 8588        | None        | <b>8421</b> | 8588        |
| p14.pddl                   | 8588        | 8588        | 8588        | None        | <b>8156</b> | 8588        |
| p15.pddl                   | 8588        | 8588        | 8588        | None        | <b>8016</b> | 8588        |
| p16.pddl                   | <b>8588</b> | <b>8588</b> | <b>8588</b> | None        | 9761        | <b>8588</b> |
| p17.pddl                   | <b>8236</b> | <b>8236</b> | <b>8236</b> | <b>8236</b> | 9789        | <b>8236</b> |
| p18.pddl                   | 8588        | 8588        | 8588        | 8588        | <b>8569</b> | 8588        |
| p19.pddl                   | 8236        | 8236        | 8236        | None        | <b>7912</b> | 8236        |
| p20.pddl                   | 8588        | 8588        | 8588        | None        | <b>8421</b> | 8588        |

# tetris-opt14-strips

| Expansions until last jump | default     | marked      | naive       | psvn | psvn_split | watched     |
|----------------------------|-------------|-------------|-------------|------|------------|-------------|
| p01-6.pddl                 | <b>9429</b> | <b>9429</b> | <b>9429</b> | None | None       | <b>9429</b> |
| p01-8.pddl                 | <b>8266</b> | <b>8266</b> | <b>8266</b> | None | None       | <b>8266</b> |
| p01-10.pddl                | <b>6716</b> | <b>6716</b> | <b>6716</b> | None | None       | <b>6716</b> |
| p02-4.pddl                 | <b>179</b>  | <b>179</b>  | <b>179</b>  | None | None       | <b>179</b>  |
| p02-6.pddl                 | <b>8920</b> | <b>8920</b> | <b>8920</b> | None | None       | <b>8920</b> |
| p02-8.pddl                 | <b>5408</b> | <b>5408</b> | <b>5408</b> | None | None       | <b>5408</b> |
| p02-10.pddl                | <b>5080</b> | <b>5080</b> | <b>5080</b> | None | None       | <b>5080</b> |
| p03-4.pddl                 | <b>6894</b> | <b>6894</b> | <b>6894</b> | None | None       | <b>6894</b> |
| p03-6.pddl                 | <b>9684</b> | <b>9684</b> | <b>9684</b> | None | None       | <b>9684</b> |
| p03-8.pddl                 | <b>7137</b> | <b>7137</b> | <b>7137</b> | None | None       | <b>7137</b> |
| p03-10.pddl                | <b>7714</b> | <b>7714</b> | <b>7714</b> | None | None       | <b>7714</b> |
| p04-6.pddl                 | <b>7064</b> | <b>7064</b> | <b>7064</b> | None | None       | <b>7064</b> |
| p04-8.pddl                 | <b>7209</b> | <b>7209</b> | <b>7209</b> | None | None       | <b>7209</b> |
| p04-10.pddl                | <b>9717</b> | <b>9717</b> | <b>9717</b> | None | None       | <b>9717</b> |
| p05-6.pddl                 | <b>7335</b> | <b>7335</b> | <b>7335</b> | None | None       | <b>7335</b> |
| p05-8.pddl                 | <b>7221</b> | <b>7221</b> | <b>7221</b> | None | None       | <b>7221</b> |
| p05-10.pddl                | <b>8042</b> | <b>8042</b> | <b>8042</b> | None | None       | <b>8042</b> |

## tidybot-opt11-strips

| Expansions until last jump | default     | marked      | naive       | psvn | psvn_split | watched     |
|----------------------------|-------------|-------------|-------------|------|------------|-------------|
| p01.pddl                   | <b>29</b>   | <b>29</b>   | <b>29</b>   | None | None       | <b>29</b>   |
| p02.pddl                   | <b>7830</b> | <b>7830</b> | <b>7830</b> | None | None       | <b>7830</b> |
| p03.pddl                   | <b>7096</b> | <b>7096</b> | <b>7096</b> | None | None       | <b>7096</b> |
| p04.pddl                   | <b>7778</b> | <b>7778</b> | <b>7778</b> | None | None       | <b>7778</b> |
| p05.pddl                   | <b>9234</b> | <b>9234</b> | <b>9234</b> | None | None       | <b>9234</b> |
| p06.pddl                   | <b>8785</b> | <b>8785</b> | <b>8785</b> | None | None       | <b>8785</b> |
| p07.pddl                   | <b>6768</b> | <b>6768</b> | <b>6768</b> | None | None       | <b>6768</b> |
| p08.pddl                   | <b>9234</b> | <b>9234</b> | <b>9234</b> | None | None       | <b>9234</b> |
| p09.pddl                   | <b>7884</b> | <b>7884</b> | <b>7884</b> | None | None       | <b>7884</b> |
| p10.pddl                   | <b>8922</b> | <b>8922</b> | <b>8922</b> | None | None       | <b>8922</b> |
| p11.pddl                   | <b>8526</b> | <b>8526</b> | <b>8526</b> | None | None       | <b>8526</b> |
| p12.pddl                   | <b>8922</b> | <b>8922</b> | <b>8922</b> | None | None       | <b>8922</b> |
| p13.pddl                   | <b>8855</b> | <b>8855</b> | <b>8855</b> | None | None       | <b>8855</b> |
| p14.pddl                   | <b>9107</b> | <b>9107</b> | <b>9107</b> | None | None       | <b>9107</b> |
| p15.pddl                   | <b>7822</b> | <b>7822</b> | <b>7822</b> | None | None       | <b>7822</b> |
| p16.pddl                   | <b>8630</b> | <b>8630</b> | <b>8630</b> | None | None       | <b>8630</b> |
| p17.pddl                   | <b>7955</b> | <b>7955</b> | <b>7955</b> | None | None       | <b>7955</b> |
| p18.pddl                   | <b>9129</b> | <b>9129</b> | <b>9129</b> | None | None       | <b>9129</b> |
| p19.pddl                   | <b>7757</b> | <b>7757</b> | <b>7757</b> | None | None       | <b>7757</b> |
| p20.pddl                   | <b>8318</b> | <b>8318</b> | <b>8318</b> | None | None       | <b>8318</b> |

# tidybot-opt14-strips

| Expansions until last jump | default     | marked      | naive       | psvn | psvn_split | watched     |
|----------------------------|-------------|-------------|-------------|------|------------|-------------|
| p01.pddl                   | <b>7863</b> | <b>7863</b> | <b>7863</b> | None | None       | <b>7863</b> |
| p02.pddl                   | <b>6448</b> | <b>6448</b> | <b>6448</b> | None | None       | <b>6448</b> |
| p03.pddl                   | <b>8883</b> | <b>8883</b> | <b>8883</b> | None | None       | <b>8883</b> |
| p04.pddl                   | <b>6200</b> | <b>6200</b> | <b>6200</b> | None | None       | <b>6200</b> |
| p05.pddl                   | <b>6692</b> | <b>6692</b> | <b>6692</b> | None | None       | <b>6692</b> |
| p06.pddl                   | <b>8497</b> | <b>8497</b> | <b>8497</b> | None | None       | <b>8497</b> |
| p07.pddl                   | <b>5976</b> | <b>5976</b> | <b>5976</b> | None | None       | <b>5976</b> |
| p08.pddl                   | <b>5986</b> | <b>5986</b> | <b>5986</b> | None | None       | <b>5986</b> |
| p09.pddl                   | <b>7353</b> | <b>7353</b> | <b>7353</b> | None | None       | <b>7353</b> |
| p10.pddl                   | <b>7756</b> | <b>7756</b> | <b>7756</b> | None | None       | <b>7756</b> |
| p11.pddl                   | <b>8526</b> | <b>8526</b> | <b>8526</b> | None | None       | <b>8526</b> |
| p12.pddl                   | <b>8922</b> | <b>8922</b> | <b>8922</b> | None | None       | <b>8922</b> |
| p13.pddl                   | <b>8855</b> | <b>8855</b> | <b>8855</b> | None | None       | <b>8855</b> |
| p14.pddl                   | <b>9107</b> | <b>9107</b> | <b>9107</b> | None | None       | <b>9107</b> |
| p15.pddl                   | <b>7822</b> | <b>7822</b> | <b>7822</b> | None | None       | <b>7822</b> |
| p16.pddl                   | <b>8630</b> | <b>8630</b> | <b>8630</b> | None | None       | <b>8630</b> |
| p17.pddl                   | <b>7955</b> | <b>7955</b> | <b>7955</b> | None | None       | <b>7955</b> |
| p18.pddl                   | <b>9129</b> | <b>9129</b> | <b>9129</b> | None | None       | <b>9129</b> |
| p19.pddl                   | <b>7757</b> | <b>7757</b> | <b>7757</b> | None | None       | <b>7757</b> |
| p20.pddl                   | <b>8318</b> | <b>8318</b> | <b>8318</b> | None | None       | <b>8318</b> |

# tpp

| Expansions until last jump | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| p01.pddl                   | <b>5</b>    | <b>5</b>    | <b>5</b>    | <b>5</b>    | <b>5</b>    | <b>5</b>    |
| p02.pddl                   | 24          | 24          | 24          | 24          | <b>23</b>   | 24          |
| p03.pddl                   | 114         | 114         | 114         | 114         | <b>95</b>   | 114         |
| p04.pddl                   | 492         | 492         | 492         | 492         | <b>383</b>  | 492         |
| p05.pddl                   | <b>8370</b> | <b>8370</b> | <b>8370</b> | <b>8370</b> | 8900        | <b>8370</b> |
| p06.pddl                   | <b>4486</b> | <b>4486</b> | <b>4486</b> | None        | 8797        | <b>4486</b> |
| p07.pddl                   | <b>7190</b> | <b>7190</b> | <b>7190</b> | None        | <b>7190</b> | <b>7190</b> |
| p08.pddl                   | <b>3259</b> | <b>3259</b> | <b>3259</b> | None        | 6739        | <b>3259</b> |
| p09.pddl                   | <b>3008</b> | <b>3008</b> | <b>3008</b> | None        | 8947        | <b>3008</b> |
| p10.pddl                   | 4357        | 4357        | 4357        | None        | <b>3468</b> | 4357        |
| p11.pddl                   | 8475        | 8475        | 8475        | None        | <b>3840</b> | 8475        |
| p12.pddl                   | 3540        | 3540        | 3540        | None        | <b>2681</b> | 3540        |
| p13.pddl                   | 1823        | 1823        | 1823        | None        | <b>1814</b> | 1823        |
| p14.pddl                   | 2131        | 2131        | 2131        | None        | <b>2097</b> | 2131        |
| p15.pddl                   | 2663        | 2663        | 2663        | None        | <b>2426</b> | 2663        |
| p16.pddl                   | 3623        | 3623        | 3623        | None        | <b>2812</b> | 3623        |
| p17.pddl                   | 4686        | 4686        | 4686        | None        | <b>3930</b> | 4686        |
| p18.pddl                   | 5582        | 5582        | 5582        | None        | <b>5111</b> | 5582        |
| p19.pddl                   | 6579        | 6579        | 6579        | None        | <b>4099</b> | 6579        |
| p20.pddl                   | 7768        | 7768        | 7768        | None        | <b>5752</b> | 7768        |
| p21.pddl                   | 3051        | 3051        | 3051        | None        | <b>2871</b> | 3051        |
| p22.pddl                   | <b>2428</b> | <b>2428</b> | <b>2428</b> | None        | None        | <b>2428</b> |
| p23.pddl                   | <b>5451</b> | <b>5451</b> | <b>5451</b> | None        | None        | <b>5451</b> |
| p24.pddl                   | 5136        | 5136        | 5136        | None        | <b>3269</b> | 5136        |
| p25.pddl                   | <b>8335</b> | <b>8335</b> | <b>8335</b> | None        | None        | <b>8335</b> |
| p26.pddl                   | <b>9614</b> | <b>9614</b> | <b>9614</b> | None        | None        | <b>9614</b> |
| p27.pddl                   | <b>7560</b> | <b>7560</b> | <b>7560</b> | None        | None        | <b>7560</b> |
| p28.pddl                   | <b>1143</b> | <b>1143</b> | <b>1143</b> | None        | None        | <b>1143</b> |
| p29.pddl                   | <b>1410</b> | <b>1410</b> | <b>1410</b> | None        | None        | <b>1410</b> |
| p30.pddl                   | <b>1762</b> | <b>1762</b> | <b>1762</b> | None        | None        | <b>1762</b> |

## transport-opt08-strips

| Expansions until last jump | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| p01.pddl                   | <b>63</b>   | <b>63</b>   | <b>63</b>   | <b>63</b>   | <b>63</b>   | <b>63</b>   |
| p02.pddl                   | <b>2189</b> | <b>2189</b> | <b>2189</b> | <b>2189</b> | <b>2189</b> | <b>2189</b> |
| p03.pddl                   | 9701        | 9701        | 9701        | None        | <b>9639</b> | 9701        |
| p04.pddl                   | 9958        | 9958        | 9958        | None        | <b>9609</b> | 9958        |
| p05.pddl                   | <b>9626</b> | <b>9626</b> | <b>9626</b> | None        | 9933        | <b>9626</b> |
| p06.pddl                   | 9667        | 9667        | 9667        | None        | <b>9410</b> | 9667        |
| p07.pddl                   | <b>9495</b> | <b>9495</b> | <b>9495</b> | None        | 9736        | <b>9495</b> |
| p08.pddl                   | <b>9378</b> | <b>9378</b> | <b>9378</b> | None        | None        | <b>9378</b> |
| p09.pddl                   | <b>9501</b> | <b>9501</b> | <b>9501</b> | None        | 9947        | <b>9501</b> |
| p10.pddl                   | <b>8789</b> | <b>8789</b> | <b>8789</b> | None        | 9010        | <b>8789</b> |
| p11.pddl                   | <b>157</b>  | <b>157</b>  | <b>157</b>  | <b>157</b>  | <b>157</b>  | <b>157</b>  |
| p12.pddl                   | <b>9639</b> | <b>9639</b> | <b>9639</b> | <b>9639</b> | 9953        | <b>9639</b> |
| p13.pddl                   | <b>9884</b> | <b>9884</b> | <b>9884</b> | None        | 9935        | <b>9884</b> |
| p14.pddl                   | <b>9715</b> | <b>9715</b> | <b>9715</b> | None        | 9972        | <b>9715</b> |
| p15.pddl                   | <b>9017</b> | <b>9017</b> | <b>9017</b> | None        | 9881        | <b>9017</b> |
| p16.pddl                   | 9891        | 9891        | 9891        | None        | <b>9391</b> | 9891        |
| p17.pddl                   | 9902        | 9902        | 9902        | None        | <b>9662</b> | 9902        |
| p18.pddl                   | <b>9690</b> | <b>9690</b> | <b>9690</b> | None        | 9874        | <b>9690</b> |
| p19.pddl                   | 9996        | 9996        | 9996        | None        | <b>9632</b> | 9996        |
| p20.pddl                   | <b>9854</b> | <b>9854</b> | <b>9854</b> | None        | None        | <b>9854</b> |
| p21.pddl                   | 112         | 112         | 112         | 112         | <b>102</b>  | 112         |
| p22.pddl                   | 7666        | 7666        | 7666        | 7666        | <b>7526</b> | 7666        |
| p23.pddl                   | 9991        | 9991        | 9991        | None        | <b>9860</b> | 9991        |
| p24.pddl                   | <b>9897</b> | <b>9897</b> | <b>9897</b> | None        | 9978        | <b>9897</b> |
| p25.pddl                   | <b>9715</b> | <b>9715</b> | <b>9715</b> | None        | 9942        | <b>9715</b> |
| p26.pddl                   | 9953        | 9953        | 9953        | None        | <b>9882</b> | 9953        |
| p27.pddl                   | 9783        | 9783        | 9783        | None        | <b>9615</b> | 9783        |
| p28.pddl                   | <b>9653</b> | <b>9653</b> | <b>9653</b> | None        | 9973        | <b>9653</b> |
| p29.pddl                   | <b>9795</b> | <b>9795</b> | <b>9795</b> | None        | 9931        | <b>9795</b> |
| p30.pddl                   | <b>9548</b> | <b>9548</b> | <b>9548</b> | None        | 9974        | <b>9548</b> |

## transport-opt11-strips

| Expansions until last jump | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| p01.pddl                   | 9991        | 9991        | 9991        | None        | <b>9860</b> | 9991        |
| p02.pddl                   | 9701        | 9701        | 9701        | None        | <b>9639</b> | 9701        |
| p03.pddl                   | <b>9639</b> | <b>9639</b> | <b>9639</b> | <b>9639</b> | 9953        | <b>9639</b> |
| p04.pddl                   | <b>9884</b> | <b>9884</b> | <b>9884</b> | None        | 9935        | <b>9884</b> |
| p05.pddl                   | <b>9897</b> | <b>9897</b> | <b>9897</b> | None        | 9978        | <b>9897</b> |
| p06.pddl                   | 9958        | 9958        | 9958        | None        | <b>9609</b> | 9958        |
| p07.pddl                   | <b>9773</b> | <b>9773</b> | <b>9773</b> | None        | 9949        | <b>9773</b> |
| p08.pddl                   | <b>9213</b> | <b>9213</b> | <b>9213</b> | None        | 10000       | <b>9213</b> |
| p09.pddl                   | 9950        | 9950        | 9950        | None        | <b>9358</b> | 9950        |
| p10.pddl                   | <b>8787</b> | <b>8787</b> | <b>8787</b> | None        | 9809        | <b>8787</b> |
| p11.pddl                   | 9567        | 9567        | 9567        | None        | <b>9458</b> | 9567        |
| p12.pddl                   | 9476        | 9476        | 9476        | None        | <b>215</b>  | 9476        |
| p13.pddl                   | <b>9893</b> | <b>9893</b> | <b>9893</b> | None        | 9905        | <b>9893</b> |
| p14.pddl                   | 9995        | 9995        | 9995        | None        | <b>9485</b> | 9995        |
| p15.pddl                   | <b>9377</b> | <b>9377</b> | <b>9377</b> | None        | 9708        | <b>9377</b> |
| p16.pddl                   | 9999        | 9999        | 9999        | None        | <b>9667</b> | 9999        |
| p17.pddl                   | <b>9626</b> | <b>9626</b> | <b>9626</b> | None        | 9933        | <b>9626</b> |
| p18.pddl                   | <b>9715</b> | <b>9715</b> | <b>9715</b> | None        | 9972        | <b>9715</b> |
| p19.pddl                   | <b>9715</b> | <b>9715</b> | <b>9715</b> | None        | 9942        | <b>9715</b> |
| p20.pddl                   | 9667        | 9667        | 9667        | None        | <b>9410</b> | 9667        |

# transport-opt14-strips

| Expansions until last jump | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| p01.pddl                   | <b>9979</b> | <b>9979</b> | <b>9979</b> | <b>9979</b> | <b>9979</b> | <b>9979</b> |
| p02.pddl                   | <b>9936</b> | <b>9936</b> | <b>9936</b> | None        | 9960        | <b>9936</b> |
| p03.pddl                   | 9686        | 9686        | 9686        | None        | <b>9419</b> | 9686        |
| p04.pddl                   | <b>9507</b> | <b>9507</b> | <b>9507</b> | None        | 9840        | <b>9507</b> |
| p05.pddl                   | 9951        | 9951        | 9951        | None        | <b>9695</b> | 9951        |
| p06.pddl                   | <b>9644</b> | <b>9644</b> | <b>9644</b> | None        | 9922        | <b>9644</b> |
| p07.pddl                   | <b>9862</b> | <b>9862</b> | <b>9862</b> | None        | 9998        | <b>9862</b> |
| p08.pddl                   | <b>9461</b> | <b>9461</b> | <b>9461</b> | None        | 9741        | <b>9461</b> |
| p09.pddl                   | 9992        | 9992        | 9992        | None        | <b>9556</b> | 9992        |
| p10.pddl                   | 9998        | 9998        | 9998        | None        | <b>9738</b> | 9998        |
| p11.pddl                   | <b>9902</b> | <b>9902</b> | <b>9902</b> | None        | None        | <b>9902</b> |
| p12.pddl                   | 9992        | 9992        | 9992        | None        | <b>9967</b> | 9992        |
| p13.pddl                   | 9858        | 9858        | 9858        | None        | <b>1572</b> | 9858        |
| p14.pddl                   | 9831        | 9831        | 9831        | None        | <b>9669</b> | 9831        |
| p15.pddl                   | <b>9906</b> | <b>9906</b> | <b>9906</b> | None        | None        | <b>9906</b> |
| p16.pddl                   | <b>9755</b> | <b>9755</b> | <b>9755</b> | None        | 9922        | <b>9755</b> |
| p17.pddl                   | <b>9898</b> | <b>9898</b> | <b>9898</b> | None        | 9945        | <b>9898</b> |
| p18.pddl                   | <b>9625</b> | <b>9625</b> | <b>9625</b> | None        | 9954        | <b>9625</b> |
| p19.pddl                   | 9956        | 9956        | 9956        | None        | <b>9578</b> | 9956        |
| p20.pddl                   | 9956        | 9956        | 9956        | None        | <b>9578</b> | 9956        |



## trucks-strips

| Expansions until last jump | default     | marked      | naive       | psvn | psvn_split  | watched     |
|----------------------------|-------------|-------------|-------------|------|-------------|-------------|
| p01.pddl                   | 4458        | 4458        | 4458        | 4458 | <b>4457</b> | 4458        |
| p02.pddl                   | 8446        | 8446        | 8446        | 8446 | <b>8414</b> | 8446        |
| p03.pddl                   | 7379        | 7379        | 7379        | 7379 | <b>6569</b> | 7379        |
| p04.pddl                   | 5315        | 5315        | 5315        | None | <b>4887</b> | 5315        |
| p05.pddl                   | 4625        | 4625        | 4625        | None | <b>4258</b> | 4625        |
| p06.pddl                   | 6365        | 6365        | 6365        | None | <b>4752</b> | 6365        |
| p07.pddl                   | 7066        | 7066        | 7066        | None | <b>7054</b> | 7066        |
| p08.pddl                   | <b>3850</b> | <b>3850</b> | <b>3850</b> | None | <b>3850</b> | <b>3850</b> |
| p09.pddl                   | 6929        | 6929        | 6929        | None | <b>5959</b> | 6929        |
| p10.pddl                   | 4255        | 4255        | 4255        | None | <b>3930</b> | 4255        |
| p11.pddl                   | 1621        | 1621        | 1621        | None | <b>1576</b> | 1621        |
| p12.pddl                   | <b>1535</b> | <b>1535</b> | <b>1535</b> | None | <b>1535</b> | <b>1535</b> |
| p13.pddl                   | <b>7046</b> | <b>7046</b> | <b>7046</b> | None | <b>7046</b> | <b>7046</b> |
| p14.pddl                   | 3249        | 3249        | 3249        | None | <b>3192</b> | 3249        |
| p15.pddl                   | 1410        | 1410        | 1410        | None | <b>1351</b> | 1410        |
| p16.pddl                   | 2795        | 2795        | 2795        | None | <b>2522</b> | 2795        |
| p17.pddl                   | 2900        | 2900        | 2900        | None | <b>2612</b> | 2900        |
| p18.pddl                   | 6373        | 6373        | 6373        | None | <b>5463</b> | 6373        |
| p19.pddl                   | 2780        | 2780        | 2780        | None | <b>2501</b> | 2780        |
| p20.pddl                   | 2746        | 2746        | 2746        | None | <b>2382</b> | 2746        |
| p21.pddl                   | 2547        | 2547        | 2547        | None | <b>1619</b> | 2547        |
| p22.pddl                   | 2883        | 2883        | 3688        | None | <b>2614</b> | 3688        |
| p23.pddl                   | <b>4109</b> | <b>4109</b> | <b>4109</b> | None | None        | <b>4109</b> |
| p24.pddl                   | <b>7410</b> | <b>7410</b> | <b>7410</b> | None | None        | <b>7410</b> |
| p25.pddl                   | 860         | 860         | 860         | None | <b>859</b>  | 860         |
| p26.pddl                   | <b>1916</b> | <b>1916</b> | <b>1916</b> | None | None        | <b>1916</b> |
| p27.pddl                   | <b>5606</b> | <b>5606</b> | <b>5606</b> | None | None        | <b>5606</b> |
| p28.pddl                   | <b>5223</b> | <b>5223</b> | <b>5223</b> | None | None        | <b>5223</b> |
| p29.pddl                   | <b>6868</b> | <b>6868</b> | <b>6868</b> | None | None        | <b>6868</b> |
| p30.pddl                   | <b>7121</b> | <b>7121</b> | <b>7121</b> | None | None        | <b>7121</b> |

## visitall-opt11-strips

| Expansions until last jump | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| problem02-full.pddl        | 3           | 3           | 3           | 3           | <b>2</b>    | 3           |
| problem02-half.pddl        | <b>0</b>    | <b>0</b>    | <b>0</b>    | <b>0</b>    | 2           | <b>0</b>    |
| problem03-full.pddl        | 335         | 335         | 335         | 335         | <b>305</b>  | 335         |
| problem03-half.pddl        | <b>35</b>   | <b>35</b>   | <b>35</b>   | <b>35</b>   | <b>35</b>   | <b>35</b>   |
| problem04-full.pddl        | 7565        | 7565        | 7565        | 7565        | <b>7000</b> | 7565        |
| problem04-half.pddl        | 507         | 507         | 507         | 507         | <b>491</b>  | 507         |
| problem05-full.pddl        | <b>4387</b> | <b>4387</b> | <b>4387</b> | <b>4387</b> | 9876        | <b>4387</b> |
| problem05-half.pddl        | 6864        | 6864        | 6864        | 6864        | <b>6640</b> | 6864        |
| problem06-full.pddl        | 6291        | 6291        | 6291        | 6291        | <b>6215</b> | 6291        |
| problem06-half.pddl        | 7630        | 7630        | 7630        | 7630        | <b>7579</b> | 7630        |
| problem07-full.pddl        | 8375        | 8375        | 8375        | 8375        | <b>8355</b> | 8375        |
| problem07-half.pddl        | 8674        | 8674        | 8674        | 8674        | <b>8632</b> | 8674        |
| problem08-full.pddl        | 9291        | 9291        | 9291        | 9291        | <b>9271</b> | 9291        |
| problem08-half.pddl        | 6426        | 6426        | 6426        | 6426        | <b>6383</b> | 6426        |
| problem09-full.pddl        | <b>3211</b> | <b>3211</b> | <b>3211</b> | <b>3211</b> | <b>3211</b> | <b>3211</b> |
| problem09-half.pddl        | <b>4952</b> | <b>4952</b> | <b>4952</b> | <b>4952</b> | <b>4952</b> | <b>4952</b> |
| problem10-full.pddl        | <b>3239</b> | <b>3239</b> | <b>3239</b> | <b>3239</b> | <b>3239</b> | <b>3239</b> |
| problem10-half.pddl        | <b>7280</b> | <b>7280</b> | <b>7280</b> | <b>7280</b> | <b>7280</b> | <b>7280</b> |
| problem11-full.pddl        | <b>3267</b> | <b>3267</b> | <b>3267</b> | <b>3267</b> | <b>3267</b> | <b>3267</b> |
| problem11-half.pddl        | <b>7782</b> | <b>7782</b> | <b>7782</b> | <b>7782</b> | <b>7782</b> | <b>7782</b> |

# visitall-opt14-strips

| Expansions until last jump | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| p-1-5.pddl                 | <b>4387</b> | <b>4387</b> | <b>4387</b> | <b>4387</b> | 9876        | <b>4387</b> |
| p-1-6.pddl                 | 6291        | 6291        | 6291        | 6291        | <b>6215</b> | 6291        |
| p-1-7.pddl                 | 8375        | 8375        | 8375        | 8375        | <b>8355</b> | 8375        |
| p-1-8.pddl                 | 9291        | 9291        | 9291        | 9291        | <b>9271</b> | 9291        |
| p-1-9.pddl                 | <b>3211</b> | <b>3211</b> | <b>3211</b> | <b>3211</b> | <b>3211</b> | <b>3211</b> |
| p-1-10.pddl                | <b>3239</b> | <b>3239</b> | <b>3239</b> | <b>3239</b> | <b>3239</b> | <b>3239</b> |
| p-1-11.pddl                | <b>3267</b> | <b>3267</b> | <b>3267</b> | <b>3267</b> | <b>3267</b> | <b>3267</b> |
| p-1-12.pddl                | <b>3269</b> | <b>3269</b> | <b>3269</b> | <b>3269</b> | <b>3269</b> | <b>3269</b> |
| p-1-13.pddl                | <b>3271</b> | <b>3271</b> | <b>3271</b> | <b>3271</b> | <b>3271</b> | <b>3271</b> |
| p-1-14.pddl                | 3271        | 3271        | 3271        | 3271        | <b>3248</b> | 3271        |
| p-1-15.pddl                | 3271        | 3271        | 3271        | 3271        | <b>3248</b> | 3271        |
| p-1-16.pddl                | 3271        | 3271        | 3271        | 3271        | <b>3161</b> | 3271        |
| p-1-17.pddl                | 3271        | 3271        | 3271        | 3271        | <b>3161</b> | 3271        |
| p-1-18.pddl                | <b>3271</b> | <b>3271</b> | <b>3271</b> | <b>3271</b> | 7533        | <b>3271</b> |
| p-05-5.pddl                | <b>8132</b> | <b>8132</b> | <b>8132</b> | <b>8132</b> | <b>8132</b> | <b>8132</b> |
| p-05-6.pddl                | <b>9786</b> | <b>9786</b> | <b>9786</b> | <b>9786</b> | <b>9786</b> | <b>9786</b> |
| p-05-7.pddl                | 6622        | 6622        | 6622        | 6622        | <b>6579</b> | 6622        |
| p-05-8.pddl                | 5242        | 5242        | 5242        | 5242        | <b>5227</b> | 5242        |
| p-05-9.pddl                | <b>4624</b> | <b>4624</b> | <b>4624</b> | <b>4624</b> | <b>4624</b> | <b>4624</b> |
| p-05-10.pddl               | <b>5481</b> | <b>5481</b> | <b>5481</b> | <b>5481</b> | <b>5481</b> | <b>5481</b> |

## woodworking-opt08-strips

| Expansions until last jump | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| p01.pddl                   | 9797        | 9797        | 9797        | None        | <b>9363</b> | 9797        |
| p02.pddl                   | <b>8671</b> | <b>8671</b> | <b>8671</b> | None        | <b>8671</b> | <b>8671</b> |
| p03.pddl                   | 6917        | 6917        | 6917        | None        | <b>5523</b> | 6917        |
| p04.pddl                   | <b>6270</b> | <b>6270</b> | <b>6270</b> | None        | 9572        | <b>6270</b> |
| p05.pddl                   | <b>2915</b> | <b>2915</b> | <b>2915</b> | None        | 8400        | <b>2915</b> |
| p06.pddl                   | 9429        | 9429        | 9429        | None        | <b>7795</b> | 9429        |
| p07.pddl                   | 9566        | 9566        | 9566        | None        | <b>9147</b> | 9566        |
| p08.pddl                   | 8903        | 8903        | 8903        | None        | <b>7891</b> | 8903        |
| p09.pddl                   | <b>5545</b> | <b>5545</b> | <b>5545</b> | None        | 8313        | <b>5545</b> |
| p10.pddl                   | <b>1685</b> | <b>1685</b> | <b>1685</b> | None        | 6203        | <b>1685</b> |
| p11.pddl                   | <b>4150</b> | <b>4150</b> | <b>4150</b> | <b>4150</b> | 4862        | <b>4150</b> |
| p12.pddl                   | 7435        | 7435        | 7435        | None        | <b>6799</b> | 7435        |
| p13.pddl                   | 9804        | 9804        | 9804        | None        | <b>7732</b> | 9804        |
| p14.pddl                   | <b>5608</b> | <b>5608</b> | <b>5608</b> | None        | 8089        | <b>5608</b> |
| p15.pddl                   | 9095        | 9095        | 9095        | None        | <b>6467</b> | 9095        |
| p16.pddl                   | 6659        | 6659        | 6659        | None        | <b>5254</b> | 6659        |
| p17.pddl                   | 7524        | 7524        | 7524        | None        | <b>6875</b> | 7524        |
| p18.pddl                   | 8846        | 8846        | 8846        | None        | <b>6762</b> | 8846        |
| p19.pddl                   | <b>5521</b> | <b>5521</b> | <b>5521</b> | None        | 9546        | <b>5521</b> |
| p20.pddl                   | <b>2401</b> | <b>2401</b> | <b>2401</b> | None        | 6974        | <b>2401</b> |
| p21.pddl                   | <b>265</b>  | <b>265</b>  | <b>265</b>  | <b>265</b>  | <b>265</b>  | <b>265</b>  |
| p22.pddl                   | 8239        | 8239        | 8239        | None        | <b>7789</b> | 8239        |
| p23.pddl                   | <b>8346</b> | <b>8346</b> | <b>8346</b> | None        | 9503        | <b>8346</b> |
| p24.pddl                   | <b>5398</b> | <b>5398</b> | <b>5398</b> | None        | 8074        | <b>5398</b> |
| p25.pddl                   | 10000       | 10000       | 10000       | None        | <b>9286</b> | 10000       |
| p26.pddl                   | 5775        | 5775        | 5775        | None        | <b>4450</b> | 5775        |
| p27.pddl                   | 5569        | 5569        | 5569        | None        | <b>4933</b> | 5569        |
| p28.pddl                   | 6132        | 6132        | 6132        | None        | <b>5572</b> | 6132        |
| p29.pddl                   | 7314        | 7314        | 7314        | None        | <b>5819</b> | 7314        |
| p30.pddl                   | 9229        | 9229        | 9229        | None        | <b>7279</b> | 9229        |

## woodworking-opt11-strips

| Expansions until last jump | default     | marked      | naive       | psvn | psvn_split  | watched     |
|----------------------------|-------------|-------------|-------------|------|-------------|-------------|
| p01.pddl                   | <b>8346</b> | <b>8346</b> | <b>8346</b> | None | 9503        | <b>8346</b> |
| p02.pddl                   | 7435        | 7435        | 7435        | None | <b>6799</b> | 7435        |
| p03.pddl                   | 9804        | 9804        | 9804        | None | <b>7732</b> | 9804        |
| p04.pddl                   | 6917        | 6917        | 6917        | None | <b>5523</b> | 6917        |
| p05.pddl                   | <b>5398</b> | <b>5398</b> | <b>5398</b> | None | 8074        | <b>5398</b> |
| p06.pddl                   | <b>6270</b> | <b>6270</b> | <b>6270</b> | None | 9572        | <b>6270</b> |
| p07.pddl                   | <b>5608</b> | <b>5608</b> | <b>5608</b> | None | 8089        | <b>5608</b> |
| p08.pddl                   | 10000       | 10000       | 10000       | None | <b>9286</b> | 10000       |
| p09.pddl                   | <b>2915</b> | <b>2915</b> | <b>2915</b> | None | 8400        | <b>2915</b> |
| p10.pddl                   | 9095        | 9095        | 9095        | None | <b>6467</b> | 9095        |
| p11.pddl                   | 5775        | 5775        | 5775        | None | <b>4450</b> | 5775        |
| p12.pddl                   | 6659        | 6659        | 6659        | None | <b>5254</b> | 6659        |
| p13.pddl                   | 9429        | 9429        | 9429        | None | <b>7795</b> | 9429        |
| p14.pddl                   | 5569        | 5569        | 5569        | None | <b>4933</b> | 5569        |
| p15.pddl                   | 7524        | 7524        | 7524        | None | <b>6875</b> | 7524        |
| p16.pddl                   | 9566        | 9566        | 9566        | None | <b>9147</b> | 9566        |
| p17.pddl                   | 6132        | 6132        | 6132        | None | <b>5572</b> | 6132        |
| p18.pddl                   | 8846        | 8846        | 8846        | None | <b>6762</b> | 8846        |
| p19.pddl                   | 8903        | 8903        | 8903        | None | <b>7891</b> | 8903        |
| p20.pddl                   | 7314        | 7314        | 7314        | None | <b>5819</b> | 7314        |

## zenotravel

| Expansions until last jump | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| p01.pddl                   | <b>0</b>    | <b>0</b>    | <b>0</b>    | <b>0</b>    | <b>0</b>    | <b>0</b>    |
| p02.pddl                   | <b>42</b>   | <b>42</b>   | <b>42</b>   | <b>42</b>   | <b>42</b>   | <b>42</b>   |
| p03.pddl                   | <b>2032</b> | <b>2032</b> | <b>2032</b> | <b>2032</b> | <b>2032</b> | <b>2032</b> |
| p04.pddl                   | <b>3375</b> | <b>3375</b> | <b>3375</b> | <b>3375</b> | <b>3375</b> | <b>3375</b> |
| p05.pddl                   | 4625        | 4625        | 4625        | 4625        | <b>4602</b> | 4625        |
| p06.pddl                   | 3246        | 3246        | 3246        | 3246        | <b>3234</b> | 3246        |
| p07.pddl                   | 7672        | 7672        | 7672        | 7672        | <b>7655</b> | 7672        |
| p08.pddl                   | 2212        | 2212        | 2212        | None        | <b>2092</b> | 2212        |
| p09.pddl                   | 9133        | 9133        | 9133        | None        | <b>8327</b> | 9133        |
| p10.pddl                   | 5467        | 5467        | 5467        | None        | <b>5406</b> | 5467        |
| p11.pddl                   | 6683        | 6683        | 6683        | None        | <b>4957</b> | 6683        |
| p12.pddl                   | 6820        | 6820        | 6820        | None        | <b>6222</b> | 6820        |
| p13.pddl                   | 5778        | 5778        | 5778        | None        | <b>5767</b> | 5778        |
| p14.pddl                   | 4760        | 4760        | 4760        | None        | <b>4420</b> | 4760        |
| p15.pddl                   | 1897        | 1897        | 1897        | None        | <b>1691</b> | 1897        |
| p16.pddl                   | 9777        | 9777        | 9777        | None        | <b>9405</b> | 9777        |
| p17.pddl                   | 8064        | 8064        | 8064        | None        | <b>7450</b> | 8064        |
| p18.pddl                   | 5215        | 5215        | 5215        | None        | <b>4620</b> | 5215        |
| p19.pddl                   | 9663        | 9663        | 9663        | None        | <b>9283</b> | 9663        |
| p20.pddl                   | 6825        | 6825        | 6825        | None        | <b>6272</b> | 6825        |

## num\_gao

| Num gao                            | default       | marked         | naive          | psvn          | psvn_split     | watched       |
|------------------------------------|---------------|----------------|----------------|---------------|----------------|---------------|
| airport (9)                        | 1807          | 1813           | 1813           | 1807          | <b>1008</b>    | 1799          |
| blocks (6)                         | <b>1890</b>   | 2031           | 2031           | 2084          | 2084           | 1918          |
| depot (1)                          | 399           | 399            | 399            | 399           | <b>379</b>     | 396           |
| driverlog (4)                      | 30189         | 30176          | 30176          | 30189         | <b>30058</b>   | 30188         |
| elevators-opt08-strips (1)         | <b>10000</b>  | <b>10000</b>   | <b>10000</b>   | <b>10000</b>  | <b>10000</b>   | <b>10000</b>  |
| floortile-opt11-strips (4)         | <b>40000</b>  | <b>40000</b>   | <b>40000</b>   | <b>40000</b>  | <b>40000</b>   | <b>40000</b>  |
| floortile-opt14-strips (2)         | <b>20000</b>  | <b>20000</b>   | <b>20000</b>   | <b>20000</b>  | <b>20000</b>   | <b>20000</b>  |
| ged-opt14-strips (3)               | 72            | 72             | 72             | 72            | 72             | <b>66</b>     |
| gripper (4)                        | 22068         | 22068          | 22068          | 22068         | <b>12179</b>   | 22066         |
| hiking-opt14-strips (7)            | <b>53512</b>  | 53559          | 53559          | 53533         | 54910          | 53540         |
| logistics00 (10)                   | 85942         | 85236          | 85236          | <b>85079</b>  | <b>85079</b>   | 85210         |
| logistics98 (2)                    | <b>20000</b>  | <b>20000</b>   | <b>20000</b>   | <b>20000</b>  | <b>20000</b>   | <b>20000</b>  |
| miconic (150)                      | 1289386       | <b>1288923</b> | <b>1288923</b> | 1289386       | 1289352        | 1290359       |
| mystery (4)                        | 117           | 126            | 126            | 95            | 95             | <b>59</b>     |
| nomystery-opt11-strips (6)         | 43629         | 43629          | 43629          | <b>43303</b>  | <b>43303</b>   | 43580         |
| openstacks-opt08-strips (4)        | <b>10912</b>  | <b>10912</b>   | <b>10912</b>   | <b>10912</b>  | <b>10912</b>   | <b>10912</b>  |
| openstacks-strips (5)              | <b>24584</b>  | 24784          | 24784          | 24784         | 24784          | <b>24584</b>  |
| organic-synthesis-opt18-strips (4) | <b>6</b>      | <b>6</b>       | <b>6</b>       | <b>6</b>      | <b>6</b>       | 7             |
| parcprinter-08-strips (7)          | <b>15503</b>  | 15508          | 15508          | 15519         | 16686          | 15520         |
| parcprinter-opt11-strips (3)       | <b>10281</b>  | 10283          | 10283          | 10282         | 13241          | 10284         |
| pegsol-08-strips (2)               | <b>304</b>    | <b>304</b>     | <b>304</b>     | <b>304</b>    | <b>304</b>     | <b>304</b>    |
| psr-small (45)                     | 92133         | 94102          | 94102          | 93640         | <b>23114</b>   | 91772         |
| rovers (6)                         | <b>25930</b>  | 26417          | 26417          | 25992         | 25984          | 26639         |
| satellite (5)                      | 31863         | 31863          | 31863          | 31640         | <b>31639</b>   | 31685         |
| scanalyzer-08-strips (6)           | <b>30159</b>  | <b>30159</b>   | <b>30159</b>   | <b>30159</b>  | <b>30159</b>   | <b>30159</b>  |
| scanalyzer-opt11-strips (3)        | <b>20053</b>  | <b>20053</b>   | <b>20053</b>   | <b>20053</b>  | <b>20053</b>   | <b>20053</b>  |
| sokoban-opt08-strips (3)           | 4272          | 4272           | 4272           | 4271          | <b>1827</b>    | 4272          |
| storage (7)                        | 1382          | 1345           | 1345           | 1601          | <b>1227</b>    | 1234          |
| termes-opt18-strips (6)            | <b>60000</b>  | <b>60000</b>   | <b>60000</b>   | <b>60000</b>  | <b>60000</b>   | <b>60000</b>  |
| tpp (5)                            | 10647         | 10647          | 10647          | 10647         | <b>10510</b>   | 10640         |
| transport-opt08-strips (6)         | 20313         | 20314          | 20314          | 20313         | <b>20167</b>   | 20318         |
| transport-opt11-strips (1)         | <b>10000</b>  | <b>10000</b>   | <b>10000</b>   | <b>10000</b>  | <b>10000</b>   | <b>10000</b>  |
| transport-opt14-strips (1)         | <b>10000</b>  | <b>10000</b>   | <b>10000</b>   | <b>10000</b>  | <b>10000</b>   | <b>10000</b>  |
| trucks-strips (3)                  | 24903         | 24879          | 24879          | 24880         | 24879          | <b>24788</b>  |
| visitall-opt11-strips (20)         | 151086        | 151086         | 151086         | 151086        | 151063         | <b>150926</b> |
| visitall-opt14-strips (20)         | <b>200000</b> | <b>200000</b>  | <b>200000</b>  | <b>200000</b> | <b>200000</b>  | <b>200000</b> |
| woodworking-opt08-strips (2)       | <b>4415</b>   | <b>4415</b>    | <b>4415</b>    | <b>4415</b>   | 5127           | <b>4415</b>   |
| zenotravel (7)                     | 42823         | <b>38777</b>   | <b>38777</b>   | 40897         | 40897          | 42860         |
| <b>Sum (384)</b>                   | 2420580       | 2418158        | 2418158        | 2419416       | <b>2341098</b> | 2420553       |

Only instances where all algorithms have a value for "num\_gao" are considered. Each table entry gives the sum of "num\_gao" for that domain. The last row reports the sum across all domains.

### agricola-opt18-strips

| Num gao  | default      | marked       | naive        | psvn | psvn_split   | watched      |
|----------|--------------|--------------|--------------|------|--------------|--------------|
| p01.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p02.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p03.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p04.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p05.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p06.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p07.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p08.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p09.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p10.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p11.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p12.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p13.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p14.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p15.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p16.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p17.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p18.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p19.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p20.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |



## airport

| Num gao                      | default      | marked       | naive        | psvn      | psvn_split   | watched      |
|------------------------------|--------------|--------------|--------------|-----------|--------------|--------------|
| p01-airport1-p1.pddl         | <b>9</b>     | <b>9</b>     | <b>9</b>     | 10        | 10           | <b>9</b>     |
| p02-airport1-p1.pddl         | <b>15</b>    | <b>15</b>    | <b>15</b>    | <b>15</b> | <b>15</b>    | <b>15</b>    |
| p03-airport1-p2.pddl         | <b>167</b>   | 172          | 172          | 169       | 169          | <b>167</b>   |
| p04-airport2-p1.pddl         | <b>21</b>    | <b>21</b>    | <b>21</b>    | 22        | 22           | <b>21</b>    |
| p05-airport2-p1.pddl         | <b>30</b>    | <b>30</b>    | <b>30</b>    | <b>30</b> | <b>30</b>    | <b>30</b>    |
| p06-airport2-p2.pddl         | 751          | 751          | 751          | 755       | <b>335</b>   | 751          |
| p07-airport2-p2.pddl         | 764          | 764          | 764          | 755       | <b>376</b>   | 755          |
| p08-airport2-p3.pddl         | <b>10000</b> | <b>10000</b> | <b>10000</b> | None      | None         | <b>10000</b> |
| p09-airport2-p4.pddl         | 10000        | 10000        | 10000        | None      | <b>12</b>    | 10000        |
| p10-airport3-p1.pddl         | <b>20</b>    | 21           | 21           | 21        | 21           | 21           |
| p11-airport3-p1.pddl         | <b>30</b>    | <b>30</b>    | <b>30</b>    | <b>30</b> | <b>30</b>    | <b>30</b>    |
| p12-airport3-p2.pddl         | 892          | 894          | 894          | None      | <b>60</b>    | 892          |
| p13-airport3-p2.pddl         | 849          | 850          | 850          | None      | <b>95</b>    | 843          |
| p14-airport3-p3.pddl         | 10000        | 10000        | 10000        | None      | <b>6</b>     | 10000        |
| p15-airport3-p3.pddl         | 10000        | 10000        | 10000        | None      | <b>168</b>   | 10000        |
| p16-airport3-p4.pddl         | <b>10000</b> | <b>10000</b> | <b>10000</b> | None      | None         | <b>10000</b> |
| p17-airport3-p5.pddl         | 10000        | 10000        | 10000        | None      | <b>216</b>   | 10000        |
| p18-airport3-p6.pddl         | <b>10000</b> | <b>10000</b> | <b>10000</b> | None      | <b>10000</b> | <b>10000</b> |
| p19-airport3-p6.pddl         | <b>10000</b> | <b>10000</b> | <b>10000</b> | None      | None         | <b>10000</b> |
| p20-airport3-p7.pddl         | <b>10000</b> | <b>10000</b> | <b>10000</b> | None      | None         | <b>10000</b> |
| p21-airport4halfMUC-p2.pddl  | <b>10000</b> | <b>10000</b> | <b>10000</b> | None      | None         | <b>10000</b> |
| p22-airport4halfMUC-p3.pddl  | <b>10000</b> | <b>10000</b> | <b>10000</b> | None      | None         | <b>10000</b> |
| p23-airport4halfMUC-p4.pddl  | 10000        | 10000        | 10000        | None      | <b>40</b>    | 10000        |
| p24-airport4halfMUC-p4.pddl  | <b>10000</b> | <b>10000</b> | <b>10000</b> | None      | None         | <b>10000</b> |
| p25-airport4halfMUC-p5.pddl  | <b>10000</b> | <b>10000</b> | <b>10000</b> | None      | None         | <b>10000</b> |
| p26-airport4halfMUC-p6.pddl  | <b>10000</b> | <b>10000</b> | <b>10000</b> | None      | None         | <b>10000</b> |
| p27-airport4halfMUC-p6.pddl  | <b>10000</b> | <b>10000</b> | <b>10000</b> | None      | None         | <b>10000</b> |
| p28-airport4halfMUC-p7.pddl  | <b>10000</b> | <b>10000</b> | <b>10000</b> | None      | None         | <b>10000</b> |
| p29-airport4halfMUC-p8.pddl  | <b>10000</b> | <b>10000</b> | <b>10000</b> | None      | None         | <b>10000</b> |
| p30-airport4halfMUC-p8.pddl  | <b>10000</b> | <b>10000</b> | <b>10000</b> | None      | None         | <b>10000</b> |
| p31-airport4halfMUC-p9.pddl  | <b>10000</b> | <b>10000</b> | <b>10000</b> | None      | None         | <b>10000</b> |
| p32-airport4halfMUC-p10.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None      | None         | <b>10000</b> |
| p33-airport4halfMUC-p10.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None      | None         | <b>10000</b> |
| p34-airport4halfMUC-p11.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None      | None         | <b>10000</b> |
| p35-airport4halfMUC-p12.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None      | None         | <b>10000</b> |
| p36-airport5MUC-p2.pddl      | <b>10000</b> | <b>10000</b> | <b>10000</b> | None      | None         | <b>10000</b> |
| p37-airport5MUC-p3.pddl      | <b>10000</b> | <b>10000</b> | <b>10000</b> | None      | None         | <b>10000</b> |
| p38-airport5MUC-p3.pddl      | <b>10000</b> | <b>10000</b> | <b>10000</b> | None      | None         | <b>10000</b> |
| p39-airport5MUC-p4.pddl      | <b>10000</b> | <b>10000</b> | <b>10000</b> | None      | None         | <b>10000</b> |
| p40-airport5MUC-p4.pddl      | <b>10000</b> | <b>10000</b> | <b>10000</b> | None      | None         | <b>10000</b> |
| p41-airport5MUC-p4.pddl      | <b>10000</b> | <b>10000</b> | <b>10000</b> | None      | None         | <b>10000</b> |
| p42-airport5MUC-p5.pddl      | <b>10000</b> | <b>10000</b> | <b>10000</b> | None      | None         | <b>10000</b> |
| p43-airport5MUC-p5.pddl      | <b>10000</b> | <b>10000</b> | <b>10000</b> | None      | None         | <b>10000</b> |

**barman-opt11-strips**

| Num gao          | default | marked | naive | psvn | psvn_split | watched |
|------------------|---------|--------|-------|------|------------|---------|
| pfile01-001.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| pfile01-002.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| pfile01-003.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| pfile01-004.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| pfile02-005.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| pfile02-006.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| pfile02-007.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| pfile02-008.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| pfile03-009.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| pfile03-010.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| pfile03-011.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| pfile03-012.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| pfile04-013.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| pfile04-014.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| pfile04-015.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| pfile04-016.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| pfile05-017.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| pfile05-018.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| pfile05-019.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| pfile05-020.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |

**barman-opt14-strips**

| Num gao     | default | marked | naive | psvn | psvn_split | watched |
|-------------|---------|--------|-------|------|------------|---------|
| p435-1.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p435-2.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p435-3.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p536-1.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p536-2.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p536-3.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p638-1.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p638-2.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p638-3.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p739-1.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p739-2.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p739-3.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p839-1.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p839-2.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |

## blocks

| Num gao              | default      | marked       | naive        | psvn | psvn_split   | watched      |
|----------------------|--------------|--------------|--------------|------|--------------|--------------|
| probBLOCKS-4-0.pddl  | <b>84</b>    | <b>84</b>    | <b>84</b>    | 95   | 95           | 88           |
| probBLOCKS-4-1.pddl  | <b>57</b>    | 65           | 65           | 67   | 67           | <b>57</b>    |
| probBLOCKS-4-2.pddl  | <b>51</b>    | 65           | 65           | 60   | 60           | 55           |
| probBLOCKS-5-0.pddl  | <b>466</b>   | 467          | 467          | 573  | 573          | 513          |
| probBLOCKS-5-1.pddl  | 489          | 563          | 563          | 544  | 544          | <b>453</b>   |
| probBLOCKS-5-2.pddl  | <b>743</b>   | 787          | 787          | 745  | 745          | 752          |
| probBLOCKS-6-0.pddl  | 1793         | 1977         | 1977         | None | <b>44</b>    | 1550         |
| probBLOCKS-6-1.pddl  | <b>3975</b>  | 4875         | 4875         | None | 4962         | 4263         |
| probBLOCKS-6-2.pddl  | 6525         | 6527         | 6527         | None | <b>1</b>     | 6536         |
| probBLOCKS-7-0.pddl  | 10000        | 10000        | 10000        | None | <b>2</b>     | 10000        |
| probBLOCKS-7-1.pddl  | 10000        | 10000        | 10000        | None | <b>1211</b>  | 10000        |
| probBLOCKS-7-2.pddl  | 10000        | 10000        | 10000        | None | <b>1211</b>  | 10000        |
| probBLOCKS-8-0.pddl  | 10000        | 10000        | 10000        | None | <b>1194</b>  | 10000        |
| probBLOCKS-8-1.pddl  | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| probBLOCKS-8-2.pddl  | 10000        | 10000        | 10000        | None | <b>260</b>   | 10000        |
| probBLOCKS-9-0.pddl  | 10000        | 10000        | 10000        | None | <b>3</b>     | 10000        |
| probBLOCKS-9-1.pddl  | 10000        | 10000        | 10000        | None | <b>2</b>     | 10000        |
| probBLOCKS-9-2.pddl  | 10000        | 10000        | 10000        | None | <b>5238</b>  | 10000        |
| probBLOCKS-10-0.pddl | 10000        | 10000        | 10000        | None | <b>15</b>    | 10000        |
| probBLOCKS-10-1.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| probBLOCKS-10-2.pddl | 10000        | 10000        | 10000        | None | <b>3</b>     | 10000        |
| probBLOCKS-11-0.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| probBLOCKS-11-1.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| probBLOCKS-11-2.pddl | 10000        | 10000        | 10000        | None | <b>515</b>   | 10000        |
| probBLOCKS-12-0.pddl | 10000        | 10000        | 10000        | None | <b>4</b>     | 10000        |
| probBLOCKS-12-1.pddl | 10000        | 10000        | 10000        | None | <b>1</b>     | 10000        |
| probBLOCKS-13-0.pddl | 10000        | 10000        | 10000        | None | <b>18</b>    | 10000        |
| probBLOCKS-13-1.pddl | 10000        | 10000        | 10000        | None | <b>2</b>     | 10000        |
| probBLOCKS-14-0.pddl | 10000        | 10000        | 10000        | None | <b>1063</b>  | 10000        |
| probBLOCKS-14-1.pddl | 10000        | 10000        | 10000        | None | <b>3544</b>  | 10000        |
| probBLOCKS-15-0.pddl | 10000        | 10000        | 10000        | None | <b>3325</b>  | 10000        |
| probBLOCKS-15-1.pddl | 10000        | 10000        | 10000        | None | <b>31</b>    | 10000        |
| probBLOCKS-16-1.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| probBLOCKS-16-2.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| probBLOCKS-17-0.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |

# childsnoack-opt14-strips

| Num gao                     | default | marked | naive | psvn | psvn_split | watched |
|-----------------------------|---------|--------|-------|------|------------|---------|
| child-snoack_pfile01-2.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| child-snoack_pfile01.pddl   | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| child-snoack_pfile02-2.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| child-snoack_pfile02.pddl   | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| child-snoack_pfile03-2.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| child-snoack_pfile03.pddl   | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| child-snoack_pfile04-2.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| child-snoack_pfile04.pddl   | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| child-snoack_pfile05-2.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| child-snoack_pfile05.pddl   | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| child-snoack_pfile06-2.pddl | 10000   | 10000  | 10000 | None | None       | 10000   |
| child-snoack_pfile06.pddl   | 10000   | 10000  | 10000 | None | None       | 10000   |
| child-snoack_pfile07-2.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| child-snoack_pfile07.pddl   | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| child-snoack_pfile08-2.pddl | 10000   | 10000  | 10000 | None | None       | 10000   |
| child-snoack_pfile08.pddl   | 10000   | 10000  | 10000 | None | None       | 10000   |
| child-snoack_pfile09-2.pddl | 10000   | 10000  | 10000 | None | None       | 10000   |
| child-snoack_pfile09.pddl   | 10000   | 10000  | 10000 | None | None       | 10000   |
| child-snoack_pfile10-2.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| child-snoack_pfile10.pddl   | 10000   | 10000  | 10000 | None | 10000      | 10000   |

# data-network-opt18-strips

| Num gao  | default      | marked       | naive        | psvn | psvn_split   | watched      |
|----------|--------------|--------------|--------------|------|--------------|--------------|
| p01.pddl | 4762         | 4762         | 4762         | None | <b>4673</b>  | 4762         |
| p02.pddl | 3454         | 3454         | 3454         | None | <b>3182</b>  | 3454         |
| p03.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p04.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p05.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p06.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p07.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p08.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p09.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p10.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p11.pddl | 4806         | 4806         | 4806         | None | <b>4431</b>  | 4806         |
| p12.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p13.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p14.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p15.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p16.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p17.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p18.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p19.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p20.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |

## depot

| Num gao  | default      | marked       | naive        | psvn | psvn_split   | watched      |
|----------|--------------|--------------|--------------|------|--------------|--------------|
| p01.pddl | 399          | 399          | 399          | 399  | <b>379</b>   | 396          |
| p02.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p03.pddl | 10000        | 10000        | 10000        | None | <b>4068</b>  | 10000        |
| p04.pddl | 10000        | 10000        | 10000        | None | <b>4473</b>  | 10000        |
| p05.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p06.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p07.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p08.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p09.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p10.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p11.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p12.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p13.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p14.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p15.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p16.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p17.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p18.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p19.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p20.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p21.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p22.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |

## driverlog

| Num gao  | default      | marked       | naive        | psvn         | psvn_split   | watched      |
|----------|--------------|--------------|--------------|--------------|--------------|--------------|
| p01.pddl | 189          | 176          | 176          | 189          | <b>58</b>    | 188          |
| p02.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| p03.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| p04.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| p05.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p06.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p07.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p08.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p09.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p10.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p11.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p12.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p13.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p14.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p15.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p16.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p17.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p18.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p19.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p20.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | None         | <b>10000</b> |

# elevators-opt08-strips

| Num gao  | default | marked | naive | psvn  | psvn_split | watched |
|----------|---------|--------|-------|-------|------------|---------|
| p01.pddl | 10000   | 10000  | 10000 | 10000 | 10000      | 10000   |
| p02.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p03.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p04.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p05.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p06.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p07.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p08.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p09.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p10.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p11.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p12.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p13.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p14.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p15.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p16.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p17.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p18.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p19.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p20.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p21.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p22.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p23.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p24.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p25.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p26.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p27.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p28.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p29.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p30.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |



# elevators-opt11-strips

| Num gao  | default | marked | naive | psvn | psvn_split | watched |
|----------|---------|--------|-------|------|------------|---------|
| p01.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p02.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p03.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p04.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p05.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p06.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p07.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p08.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p09.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p10.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p11.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p12.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p13.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p14.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p15.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p16.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p17.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p18.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p19.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p20.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |

# floortile-opt11-strips

| Num gao          | default | marked | naive | psvn  | psvn_split | watched |
|------------------|---------|--------|-------|-------|------------|---------|
| opt-p01-001.pddl | 10000   | 10000  | 10000 | 10000 | 10000      | 10000   |
| opt-p01-002.pddl | 10000   | 10000  | 10000 | 10000 | 10000      | 10000   |
| opt-p02-003.pddl | 10000   | 10000  | 10000 | 10000 | 10000      | 10000   |
| opt-p02-004.pddl | 10000   | 10000  | 10000 | 10000 | 10000      | 10000   |
| opt-p03-005.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| opt-p03-006.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| opt-p04-007.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| opt-p04-008.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| opt-p05-009.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| opt-p05-010.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| opt-p06-011.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| opt-p06-012.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| opt-p07-013.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| opt-p07-014.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| opt-p08-015.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| opt-p08-016.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| opt-p09-017.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| opt-p09-018.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| opt-p10-019.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| opt-p10-020.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |

# floortile-opt14-strips

| Num gao        | default | marked | naive | psvn  | psvn_split | watched |
|----------------|---------|--------|-------|-------|------------|---------|
| p01-4-3-2.pddl | 10000   | 10000  | 10000 | 10000 | 10000      | 10000   |
| p01-4-4-2.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p01-5-3-2.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p01-5-4-2.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p01-5-5-2.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p01-6-4-2.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p01-6-5-2.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p02-4-4-2.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p02-5-3-2.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p02-5-4-2.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p02-5-5-2.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p02-6-4-2.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p02-6-5-2.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p03-4-3-2.pddl | 10000   | 10000  | 10000 | 10000 | 10000      | 10000   |
| p03-4-4-2.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p03-5-3-2.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p03-5-4-2.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p03-5-5-2.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p03-6-4-2.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p03-6-5-2.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |

# freecell

| Num gao               | default      | marked       | naive        | psvn | psvn_split   | watched      |
|-----------------------|--------------|--------------|--------------|------|--------------|--------------|
| p01.pddl              | <b>2749</b>  | 3675         | 3675         | None | 3651         | 2821         |
| p02.pddl              | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p03.pddl              | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p04.pddl              | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p05.pddl              | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p06.pddl              | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p07.pddl              | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p08.pddl              | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p09.pddl              | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p10.pddl              | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p11.pddl              | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p12.pddl              | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p13.pddl              | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p14.pddl              | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p15.pddl              | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p16.pddl              | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p17.pddl              | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p18.pddl              | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p19.pddl              | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p20.pddl              | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| probfreecell-2-1.pddl | <b>5535</b>  | 5660         | 5660         | None | 5628         | 5761         |
| probfreecell-2-2.pddl | <b>4961</b>  | 5509         | 5509         | None | 5501         | 5492         |
| probfreecell-2-3.pddl | <b>4667</b>  | 5666         | 5666         | None | 5651         | 5567         |
| probfreecell-2-4.pddl | <b>6010</b>  | 6833         | 6833         | None | 6859         | 6253         |
| probfreecell-2-5.pddl | <b>6168</b>  | 6338         | 6338         | None | 6337         | 6413         |
| probfreecell-3-1.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| probfreecell-3-2.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| probfreecell-3-3.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| probfreecell-3-4.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| probfreecell-3-5.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| probfreecell-4-1.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| probfreecell-4-2.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| probfreecell-4-3.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| probfreecell-4-4.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| probfreecell-4-5.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| probfreecell-5-1.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| probfreecell-5-2.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| probfreecell-5-3.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| probfreecell-5-4.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| probfreecell-5-5.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| probfreecell-6-1.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| probfreecell-6-2.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| probfreecell-6-3.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| probfreecell-6-4.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |

## ged-opt14-strips

| Num gao    | default      | marked       | naive        | psvn | psvn_split   | watched      |
|------------|--------------|--------------|--------------|------|--------------|--------------|
| d-1-2.pddl | 24           | 24           | 24           | 24   | 24           | <b>22</b>    |
| d-1-3.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| d-1-4.pddl | 24           | 24           | 24           | 24   | 24           | <b>22</b>    |
| d-1-8.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| d-2-1.pddl | 24           | 24           | 24           | 24   | 24           | <b>22</b>    |
| d-2-3.pddl | 10000        | 10000        | 10000        | None | <b>2448</b>  | 10000        |
| d-2-4.pddl | 690          | <b>686</b>   | <b>686</b>   | None | 907          | 690          |
| d-2-8.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| d-3-1.pddl | 10000        | 10000        | 10000        | None | <b>4884</b>  | 10000        |
| d-3-2.pddl | 10000        | 10000        | 10000        | None | <b>2808</b>  | 10000        |
| d-3-4.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| d-4-2.pddl | 694          | <b>686</b>   | <b>686</b>   | None | 802          | 690          |
| d-4-3.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| d-4-8.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| d-7-5.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| d-7-6.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| d-8-1.pddl | 10000        | 10000        | 10000        | None | <b>8885</b>  | 10000        |
| d-8-2.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| d-8-4.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| d-8-9.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |

## grid

| Num gao     | default      | marked       | naive        | psvn | psvn_split   | watched      |
|-------------|--------------|--------------|--------------|------|--------------|--------------|
| prob01.pddl | 4579         | 4523         | 4523         | None | <b>8</b>     | 6392         |
| prob02.pddl | 10000        | 10000        | 10000        | None | <b>6</b>     | 10000        |
| prob03.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| prob04.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| prob05.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |

## gripper

| Num gao     | default      | marked       | naive        | psvn         | psvn_split   | watched      |
|-------------|--------------|--------------|--------------|--------------|--------------|--------------|
| prob01.pddl | 238          | 238          | 238          | 238          | 238          | <b>237</b>   |
| prob02.pddl | 1830         | 1830         | 1830         | 1830         | 1830         | <b>1829</b>  |
| prob03.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| prob04.pddl | 10000        | 10000        | 10000        | 10000        | <b>111</b>   | 10000        |
| prob05.pddl | 10000        | 10000        | 10000        | None         | <b>157</b>   | 10000        |
| prob06.pddl | 10000        | 10000        | 10000        | None         | <b>211</b>   | 10000        |
| prob07.pddl | 10000        | 10000        | 10000        | None         | <b>273</b>   | 10000        |
| prob08.pddl | 10000        | 10000        | 10000        | None         | <b>307</b>   | 10000        |
| prob09.pddl | 10000        | 10000        | 10000        | None         | <b>421</b>   | 10000        |
| prob10.pddl | 10000        | 10000        | 10000        | None         | <b>463</b>   | 10000        |
| prob11.pddl | 10000        | 10000        | 10000        | None         | <b>601</b>   | 10000        |
| prob12.pddl | 10000        | 10000        | 10000        | None         | <b>651</b>   | 10000        |
| prob13.pddl | 10000        | 10000        | 10000        | None         | <b>701</b>   | 10000        |
| prob14.pddl | 10000        | 10000        | 10000        | None         | <b>815</b>   | 10000        |
| prob15.pddl | 10000        | 10000        | 10000        | None         | <b>1057</b>  | 10000        |
| prob16.pddl | 10000        | 10000        | 10000        | None         | <b>1059</b>  | 10000        |
| prob17.pddl | 10000        | 10000        | 10000        | None         | <b>1189</b>  | 10000        |
| prob18.pddl | 10000        | 10000        | 10000        | None         | <b>1335</b>  | 10000        |
| prob19.pddl | 10000        | 10000        | 10000        | None         | <b>1641</b>  | 10000        |
| prob20.pddl | 10000        | 10000        | 10000        | None         | <b>1643</b>  | 10000        |

## hiking-opt14-strips

| Num gao             | default      | marked       | naive        | psvn         | psvn_split   | watched      |
|---------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| ptesting-1-2-3.pddl | <b>497</b>   | 511          | 511          | 503          | 762          | 509          |
| ptesting-1-2-4.pddl | <b>3015</b>  | 3048         | 3048         | 3030         | 4148         | 3031         |
| ptesting-1-2-5.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| ptesting-1-2-7.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| ptesting-1-2-8.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| ptesting-2-2-3.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| ptesting-2-2-4.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| ptesting-2-2-5.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| ptesting-2-2-6.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| ptesting-2-2-7.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | None         | <b>10000</b> |
| ptesting-2-2-8.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | None         | <b>10000</b> |
| ptesting-2-3-4.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| ptesting-2-3-5.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| ptesting-2-3-6.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | None         | <b>10000</b> |
| ptesting-2-3-7.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | None         | <b>10000</b> |
| ptesting-2-4-3.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| ptesting-2-4-4.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| ptesting-2-4-5.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | None         | <b>10000</b> |
| ptesting-2-4-6.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | None         | <b>10000</b> |
| ptesting-2-4-7.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | None         | <b>10000</b> |

## logistics00

| Num gao                 | default      | marked       | naive        | psvn         | psvn_split   | watched      |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| probLOGISTICS-4-0.pddl  | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| probLOGISTICS-4-1.pddl  | 10000        | 9764         | 9764         | 10000        | 10000        | <b>9371</b>  |
| probLOGISTICS-4-2.pddl  | 4992         | 4520         | 4520         | <b>4124</b>  | <b>4124</b>  | 4938         |
| probLOGISTICS-5-0.pddl  | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| probLOGISTICS-5-1.pddl  | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| probLOGISTICS-5-2.pddl  | 950          | 952          | 952          | 955          | 955          | <b>901</b>   |
| probLOGISTICS-6-0.pddl  | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| probLOGISTICS-6-1.pddl  | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| probLOGISTICS-6-2.pddl  | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| probLOGISTICS-6-9.pddl  | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| probLOGISTICS-7-0.pddl  | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| probLOGISTICS-7-1.pddl  | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| probLOGISTICS-8-0.pddl  | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| probLOGISTICS-8-1.pddl  | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| probLOGISTICS-9-0.pddl  | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| probLOGISTICS-9-1.pddl  | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| probLOGISTICS-10-0.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| probLOGISTICS-10-1.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| probLOGISTICS-11-0.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| probLOGISTICS-11-1.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| probLOGISTICS-12-0.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| probLOGISTICS-12-1.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| probLOGISTICS-13-0.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| probLOGISTICS-13-1.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| probLOGISTICS-14-0.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| probLOGISTICS-14-1.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| probLOGISTICS-15-0.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| probLOGISTICS-15-1.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |



## logistics98

| Num gao     | default | marked | naive | psvn  | psvn_split | watched |
|-------------|---------|--------|-------|-------|------------|---------|
| prob01.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| prob02.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| prob03.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| prob04.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| prob05.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| prob06.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| prob07.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| prob08.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| prob09.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| prob10.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| prob11.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| prob12.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| prob13.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| prob14.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| prob15.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| prob16.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| prob17.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| prob18.pddl | 10000   | 10000  | 10000 | None  | None       | 10000   |
| prob19.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| prob20.pddl | 10000   | 10000  | 10000 | None  | None       | 10000   |
| prob21.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| prob22.pddl | 10000   | 10000  | 10000 | None  | None       | 10000   |
| prob23.pddl | 10000   | 10000  | 10000 | None  | None       | 10000   |
| prob24.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| prob25.pddl | 10000   | 10000  | 10000 | None  | None       | 10000   |
| prob26.pddl | 10000   | 10000  | 10000 | None  | None       | 10000   |
| prob27.pddl | 10000   | 10000  | 10000 | None  | None       | 10000   |
| prob28.pddl | 10000   | 10000  | 10000 | None  | None       | 10000   |
| prob29.pddl | 10000   | 10000  | 10000 | None  | None       | 10000   |
| prob30.pddl | 10000   | 10000  | 10000 | None  | None       | 10000   |
| prob31.pddl | 10000   | 10000  | 10000 | 10000 | 10000      | 10000   |
| prob32.pddl | 10000   | 10000  | 10000 | 10000 | 10000      | 10000   |
| prob33.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| prob34.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| prob35.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |

# miconic

| Num gao   | default      | marked       | naive        | psvn         | psvn_split   | watched      |
|-----------|--------------|--------------|--------------|--------------|--------------|--------------|
| s1-0.pddl | 4            | 4            | 4            | 4            | <b>1</b>     | 4            |
| s1-1.pddl | 4            | 4            | 4            | 4            | <b>2</b>     | 4            |
| s1-2.pddl | 4            | 4            | 4            | 4            | <b>1</b>     | 4            |
| s1-3.pddl | 4            | 4            | 4            | 4            | <b>1</b>     | 4            |
| s1-4.pddl | 4            | 4            | 4            | 4            | <b>1</b>     | 4            |
| s2-0.pddl | 29           | <b>28</b>    | <b>28</b>    | 29           | <b>28</b>    | 30           |
| s2-1.pddl | <b>32</b>    | <b>32</b>    | <b>32</b>    | <b>32</b>    | <b>32</b>    | <b>32</b>    |
| s2-2.pddl | 32           | 32           | 32           | 32           | 33           | <b>31</b>    |
| s2-3.pddl | <b>25</b>    | <b>25</b>    | <b>25</b>    | <b>25</b>    | 27           | 27           |
| s2-4.pddl | 29           | 29           | 29           | 29           | <b>28</b>    | <b>28</b>    |
| s3-0.pddl | 203          | 201          | 201          | 203          | 202          | <b>180</b>   |
| s3-1.pddl | 220          | 219          | 219          | 220          | <b>218</b>   | 225          |
| s3-2.pddl | 181          | 181          | 181          | 181          | 181          | <b>163</b>   |
| s3-3.pddl | 198          | <b>196</b>   | <b>196</b>   | 198          | 198          | 220          |
| s3-4.pddl | 197          | 197          | 197          | 197          | 197          | <b>191</b>   |
| s4-0.pddl | 1195         | <b>1192</b>  | <b>1192</b>  | 1195         | 1195         | 1319         |
| s4-1.pddl | 1189         | <b>1186</b>  | <b>1186</b>  | 1189         | 1198         | 1254         |
| s4-2.pddl | 1290         | <b>1287</b>  | <b>1287</b>  | 1290         | 1290         | 1354         |
| s4-3.pddl | 1330         | 1330         | 1330         | 1330         | 1329         | <b>1310</b>  |
| s4-4.pddl | 1361         | 1361         | 1361         | 1361         | 1358         | <b>1278</b>  |
| s5-0.pddl | 6381         | <b>6292</b>  | <b>6292</b>  | 6381         | 6381         | 6488         |
| s5-1.pddl | 6769         | <b>6586</b>  | <b>6586</b>  | 6769         | 6769         | 6852         |
| s5-2.pddl | 5670         | <b>5564</b>  | <b>5564</b>  | 5670         | 5670         | 5851         |
| s5-3.pddl | 6127         | <b>6057</b>  | <b>6057</b>  | 6127         | 6102         | 6590         |
| s5-4.pddl | <b>6908</b>  | <b>6908</b>  | <b>6908</b>  | <b>6908</b>  | 6910         | 6916         |
| s6-0.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| s6-1.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| s6-2.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| s6-3.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| s6-4.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| s7-0.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| s7-1.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| s7-2.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| s7-3.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| s7-4.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| s8-0.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| s8-1.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| s8-2.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| s8-3.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| s8-4.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| s9-0.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| s9-1.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| s9-2.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| s9-3.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |

**movie**

| Num gao     | default | marked | naive | psvn | psvn_split | watched |
|-------------|---------|--------|-------|------|------------|---------|
| prob01.pddl | 122     | 1      | 122   | None | None       | None    |
| prob02.pddl | 122     | 1      | 122   | None | None       | None    |
| prob03.pddl | 122     | 1      | 122   | None | None       | None    |
| prob04.pddl | 122     | 1      | 122   | None | None       | None    |
| prob05.pddl | 122     | 1      | 122   | None | None       | None    |
| prob06.pddl | 122     | 1      | 122   | None | None       | None    |
| prob07.pddl | 122     | 1      | 122   | None | None       | None    |
| prob08.pddl | 122     | 1      | 122   | None | None       | None    |
| prob09.pddl | 122     | 1      | 122   | None | None       | None    |
| prob10.pddl | 122     | 1      | 122   | None | None       | None    |
| prob11.pddl | 122     | 1      | 122   | None | None       | None    |
| prob12.pddl | 122     | 1      | 122   | None | None       | None    |
| prob13.pddl | 122     | 1      | 122   | None | None       | None    |
| prob14.pddl | 122     | 1      | 122   | None | None       | None    |
| prob15.pddl | 122     | 1      | 122   | None | None       | None    |
| prob16.pddl | 122     | 1      | 122   | None | None       | None    |
| prob17.pddl | 122     | 1      | 122   | None | None       | None    |
| prob18.pddl | 122     | 1      | 122   | None | None       | None    |
| prob19.pddl | 122     | 1      | 122   | None | None       | None    |
| prob20.pddl | 122     | 1      | 122   | None | None       | None    |
| prob21.pddl | 122     | 1      | 122   | None | None       | None    |
| prob22.pddl | 122     | 1      | 122   | None | None       | None    |
| prob23.pddl | 122     | 1      | 122   | None | None       | None    |
| prob24.pddl | 122     | 1      | 122   | None | None       | None    |
| prob25.pddl | 122     | 1      | 122   | None | None       | None    |
| prob26.pddl | 122     | 1      | 122   | None | None       | None    |
| prob27.pddl | 122     | 1      | 122   | None | None       | None    |
| prob28.pddl | 122     | 1      | 122   | None | None       | None    |
| prob29.pddl | 122     | 1      | 122   | None | None       | None    |
| prob30.pddl | 122     | 1      | 122   | None | None       | None    |

# mprime

| Num gao     | default      | marked       | naive        | psvn | psvn_split   | watched      |
|-------------|--------------|--------------|--------------|------|--------------|--------------|
| prob01.pddl | 2403         | 3652         | 3652         | None | 3637         | <b>1042</b>  |
| prob02.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| prob03.pddl | <b>9437</b>  | 10000        | 10000        | None | 10000        | 10000        |
| prob04.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| prob05.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| prob06.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| prob07.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| prob08.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| prob09.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| prob10.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| prob11.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| prob12.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| prob13.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| prob14.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| prob15.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| prob16.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| prob17.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| prob18.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| prob19.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| prob20.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| prob21.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| prob22.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| prob23.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| prob24.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| prob25.pddl | 216          | 460          | 460          | None | 481          | <b>111</b>   |
| prob26.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| prob27.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| prob28.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| prob29.pddl | 6801         | 9809         | 9809         | None | 9794         | <b>5229</b>  |
| prob30.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| prob31.pddl | 4390         | 6594         | 6594         | None | 6513         | <b>3396</b>  |
| prob32.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| prob33.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| prob34.pddl | 5856         | 6979         | 6979         | None | 6857         | <b>4764</b>  |
| prob35.pddl | 5019         | 2676         | 2676         | None | <b>2277</b>  | 4502         |

# mystery

| Num gao     | default      | marked       | naive        | psvn     | psvn_split   | watched      |
|-------------|--------------|--------------|--------------|----------|--------------|--------------|
| prob01.pddl | 52           | 52           | 52           | 31       | 31           | <b>29</b>    |
| prob02.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None     | <b>10000</b> | <b>10000</b> |
| prob03.pddl | <b>411</b>   | 457          | 457          | None     | 448          | 570          |
| prob04.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None     | <b>10000</b> | <b>10000</b> |
| prob05.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None     | <b>10000</b> | <b>10000</b> |
| prob06.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None     | <b>10000</b> | <b>10000</b> |
| prob07.pddl | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b> | <b>0</b>     | <b>0</b>     |
| prob08.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None     | <b>10000</b> | <b>10000</b> |
| prob09.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None     | <b>10000</b> | <b>10000</b> |
| prob10.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None     | None         | <b>10000</b> |
| prob11.pddl | 1134         | 1114         | 1114         | None     | 1108         | <b>458</b>   |
| prob12.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None     | <b>10000</b> | <b>10000</b> |
| prob13.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None     | None         | <b>10000</b> |
| prob14.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None     | None         | <b>10000</b> |
| prob15.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None     | <b>10000</b> | <b>10000</b> |
| prob16.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None     | <b>10000</b> | <b>10000</b> |
| prob17.pddl | <b>5015</b>  | 7311         | 7311         | None     | 7196         | 7971         |
| prob18.pddl | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b> | <b>0</b>     | <b>0</b>     |
| prob19.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None     | <b>10000</b> | <b>10000</b> |
| prob20.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None     | <b>10000</b> | <b>10000</b> |
| prob21.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None     | <b>10000</b> | <b>10000</b> |
| prob22.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None     | <b>10000</b> | <b>10000</b> |
| prob23.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None     | <b>10000</b> | <b>10000</b> |
| prob24.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None     | <b>10000</b> | <b>10000</b> |
| prob25.pddl | 65           | 74           | 74           | 64       | 64           | <b>30</b>    |
| prob26.pddl | 10000        | 10000        | 10000        | None     | 10000        | <b>9879</b>  |
| prob27.pddl | 2377         | 2587         | 2587         | None     | 2537         | <b>2149</b>  |
| prob28.pddl | 671          | <b>633</b>   | <b>633</b>   | None     | 642          | 855          |
| prob29.pddl | 267          | 256          | 256          | None     | 256          | <b>254</b>   |
| prob30.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None     | <b>10000</b> | <b>10000</b> |

# nomystery-opt11-strips

| Num gao  | default      | marked       | naive        | psvn         | psvn_split   | watched      |
|----------|--------------|--------------|--------------|--------------|--------------|--------------|
| p01.pddl | 2316         | 2316         | 2316         | <b>2042</b>  | <b>2042</b>  | 2231         |
| p02.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| p03.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| p04.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p05.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p06.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p07.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p08.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p09.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p10.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p11.pddl | 1313         | 1313         | 1313         | <b>1261</b>  | <b>1261</b>  | 1349         |
| p12.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| p13.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| p14.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p15.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p16.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p17.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p18.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p19.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p20.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |

# openstacks-opt08-strips

| Num gao  | default | marked | naive | psvn | psvn_split | watched |
|----------|---------|--------|-------|------|------------|---------|
| p01.pddl | 208     | 208    | 208   | 208  | 208        | 208     |
| p02.pddl | 768     | 768    | 768   | 768  | 768        | 768     |
| p03.pddl | 1728    | 1728   | 1728  | 1728 | 1728       | 1728    |
| p04.pddl | 8208    | 8208   | 8208  | 8208 | 8208       | 8208    |
| p05.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p06.pddl | 3657    | 3657   | 3657  | None | 10000      | 3657    |
| p07.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p08.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p09.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p10.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p11.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p12.pddl | 10000   | 10000  | 10000 | None | 1          | 10000   |
| p13.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p14.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p15.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p16.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p17.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p18.pddl | 10000   | 10000  | 10000 | None | 1          | 10000   |
| p19.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p20.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p21.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p22.pddl | 10000   | 10000  | 10000 | None | 1          | 10000   |
| p23.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p24.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p25.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p26.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p27.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p28.pddl | 10000   | 10000  | 10000 | None | 1          | 10000   |
| p29.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p30.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |

# openstacks-opt11-strips

| Num gao  | default      | marked       | naive        | psvn | psvn_split   | watched      |
|----------|--------------|--------------|--------------|------|--------------|--------------|
| p01.pddl | <b>3657</b>  | <b>3657</b>  | <b>3657</b>  | None | 10000        | <b>3657</b>  |
| p02.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p03.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p04.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p05.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p06.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p07.pddl | 10000        | 10000        | 10000        | None | <b>1</b>     | 10000        |
| p08.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p09.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p10.pddl | 10000        | 10000        | 10000        | None | <b>1</b>     | 10000        |
| p11.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p12.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p13.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p14.pddl | 10000        | 10000        | 10000        | None | <b>1</b>     | 10000        |
| p15.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p16.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p17.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p18.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p19.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p20.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |



# openstacks-opt14-strips

| Num gao    | default | marked | naive | psvn | psvn_split | watched |
|------------|---------|--------|-------|------|------------|---------|
| p20_1.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p20_2.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p20_3.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p25_1.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p25_3.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p30_1.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p30_2.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p30_3.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p35_1.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p35_2.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p35_3.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p40_1.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p40_2.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p40_3.pddl | 10000   | 10000  | 10000 | None | 1          | 10000   |
| p45_1.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p45_2.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p45_3.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p50_1.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p50_2.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p50_3.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |

## openstacks-strips

| Num gao  | default      | marked       | naive        | psvn | psvn_split   | watched      |
|----------|--------------|--------------|--------------|------|--------------|--------------|
| p01.pddl | <b>4781</b>  | 4821         | 4821         | 4821 | 4821         | <b>4781</b>  |
| p02.pddl | <b>5460</b>  | 5500         | 5500         | 5500 | 5500         | <b>5460</b>  |
| p03.pddl | <b>4781</b>  | 4821         | 4821         | 4821 | 4821         | <b>4781</b>  |
| p04.pddl | <b>4781</b>  | 4821         | 4821         | 4821 | 4821         | <b>4781</b>  |
| p05.pddl | <b>4781</b>  | 4821         | 4821         | 4821 | 4821         | <b>4781</b>  |
| p06.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p07.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p08.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p09.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p10.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p11.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p12.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p13.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p14.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p15.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p16.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p17.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p18.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p19.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p20.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p21.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p22.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p23.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p24.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p25.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p26.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p27.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p28.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p29.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p30.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |

# organic-synthesis-opt18-strips

| Num      | gao  | default  | marked   | naive    | psvn     | psvn_split | watched  |
|----------|------|----------|----------|----------|----------|------------|----------|
| p01.pddl |      | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b>   | <b>1</b> |
| p02.pddl |      | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b>   | <b>1</b> |
| p03.pddl |      | <b>2</b> | <b>2</b> | <b>2</b> | <b>2</b> | <b>2</b>   | <b>2</b> |
| p04.pddl | None | None     | None     | None     | None     | None       | None     |
| p05.pddl | None | None     | None     | None     | None     | None       | None     |
| p06.pddl | None | None     | None     | None     | None     | None       | None     |
| p07.pddl |      | <b>2</b> | <b>2</b> | <b>2</b> | <b>2</b> | <b>2</b>   | <b>3</b> |
| p08.pddl | None | None     | None     | None     | None     | None       | None     |
| p09.pddl |      | <b>2</b> | <b>2</b> | <b>2</b> | None     | None       | <b>2</b> |
| p10.pddl |      | <b>2</b> | 3        | 3        | None     | None       | <b>2</b> |
| p11.pddl | None | None     | None     | None     | None     | None       | None     |
| p12.pddl | None | None     | None     | None     | None     | None       | None     |
| p13.pddl | None | None     | None     | None     | None     | None       | None     |
| p14.pddl |      | 3        | 4        | 4        | None     | None       | <b>2</b> |
| p15.pddl | None | None     | None     | None     | None     | None       | None     |
| p16.pddl | None | None     | None     | None     | None     | None       | None     |
| p17.pddl | None | None     | None     | None     | None     | None       | None     |
| p18.pddl | None | None     | None     | None     | None     | None       | None     |
| p19.pddl | None | None     | None     | None     | None     | None       | None     |
| p20.pddl | None | None     | None     | None     | None     | None       | None     |

# organic-synthesis-split-opt18-strips

| Num gao  | default      | marked       | naive        | psvn | psvn_split   | watched      |
|----------|--------------|--------------|--------------|------|--------------|--------------|
| p01.pddl | <b>5978</b>  | <b>5978</b>  | <b>5978</b>  | None | None         | <b>5978</b>  |
| p02.pddl | 8824         | 8824         | 8824         | None | None         | <b>8823</b>  |
| p03.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p04.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p05.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p06.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p07.pddl | 140          | 140          | 140          | None | <b>17</b>    | 140          |
| p08.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p09.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p10.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p11.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p12.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p13.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p14.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p15.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p16.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p17.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p18.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p19.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p20.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |

# parcprinter-08-strips

| Num      | gao | default      | marked       | naive        | psvn        | psvn_split   | watched      |
|----------|-----|--------------|--------------|--------------|-------------|--------------|--------------|
| p01.pddl |     | <b>24</b>    | <b>24</b>    | <b>24</b>    | <b>24</b>   | <b>24</b>    | <b>24</b>    |
| p02.pddl |     | <b>1499</b>  | 1500         | 1500         | 1500        | 2405         | 1501         |
| p03.pddl |     | 5149         | 5152         | 5152         | 5164        | <b>3361</b>  | 5163         |
| p04.pddl |     | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p05.pddl |     | 10000        | 10000        | 10000        | None        | <b>1501</b>  | 10000        |
| p06.pddl |     | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p07.pddl |     | 10000        | 10000        | 10000        | None        | <b>6721</b>  | 10000        |
| p08.pddl |     | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p09.pddl |     | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p10.pddl |     | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p11.pddl |     | <b>30</b>    | <b>30</b>    | <b>30</b>    | <b>30</b>   | <b>30</b>    | <b>30</b>    |
| p12.pddl |     | 5832         | 5833         | 5833         | 5832        | <b>5726</b>  | 5833         |
| p13.pddl |     | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p14.pddl |     | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p15.pddl |     | 10000        | 10000        | 10000        | None        | <b>1537</b>  | 10000        |
| p16.pddl |     | 10000        | 10000        | 10000        | None        | <b>321</b>   | 10000        |
| p17.pddl |     | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p18.pddl |     | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | None         | <b>10000</b> |
| p19.pddl |     | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p20.pddl |     | 10000        | 10000        | 10000        | None        | <b>1</b>     | 10000        |
| p21.pddl |     | <b>19</b>    | <b>19</b>    | <b>19</b>    | <b>19</b>   | 30           | <b>19</b>    |
| p22.pddl |     | <b>2950</b>  | <b>2950</b>  | <b>2950</b>  | <b>2950</b> | 5110         | <b>2950</b>  |
| p23.pddl |     | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p24.pddl |     | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p25.pddl |     | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p26.pddl |     | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p27.pddl |     | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p28.pddl |     | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p29.pddl |     | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p30.pddl |     | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |

# parcprinter-opt11-strips

| Num gao  | default      | marked       | naive        | psvn        | psvn_split   | watched      |
|----------|--------------|--------------|--------------|-------------|--------------|--------------|
| p01.pddl | <b>2950</b>  | <b>2950</b>  | <b>2950</b>  | <b>2950</b> | 5110         | <b>2950</b>  |
| p02.pddl | <b>1499</b>  | 1500         | 1500         | 1500        | 2405         | 1501         |
| p03.pddl | 5832         | 5833         | 5833         | 5832        | <b>5726</b>  | 5833         |
| p04.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p05.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p06.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p07.pddl | 10000        | 10000        | 10000        | None        | <b>1501</b>  | 10000        |
| p08.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p09.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p10.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p11.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p12.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p13.pddl | 10000        | 10000        | 10000        | None        | <b>6721</b>  | 10000        |
| p14.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p15.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p16.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p17.pddl | 10000        | 10000        | 10000        | None        | <b>1537</b>  | 10000        |
| p18.pddl | 10000        | 10000        | 10000        | None        | <b>321</b>   | 10000        |
| p19.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p20.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |

# parking-opt11-strips

| Num gao          | default | marked | naive | psvn | psvn_split | watched |
|------------------|---------|--------|-------|------|------------|---------|
| pfile03-011.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| pfile03-012.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| pfile04-013.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| pfile04-014.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| pfile04-015.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| pfile04-016.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| pfile05-017.pddl | 10000   | 10000  | 10000 | None | None       | 10000   |
| pfile05-018.pddl | 10000   | 10000  | 10000 | None | None       | 10000   |
| pfile05-019.pddl | 10000   | 10000  | 10000 | None | None       | 10000   |
| pfile05-020.pddl | 10000   | 10000  | 10000 | None | None       | 10000   |
| pfile06-021.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| pfile06-022.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| pfile06-023.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| pfile06-024.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| pfile07-025.pddl | 10000   | 10000  | 10000 | None | None       | 10000   |
| pfile07-026.pddl | 10000   | 10000  | 10000 | None | None       | 10000   |
| pfile07-027.pddl | 10000   | 10000  | 10000 | None | None       | 10000   |
| pfile07-028.pddl | 10000   | 10000  | 10000 | None | None       | 10000   |
| pfile08-029.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| pfile08-030.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |

# parking-opt14-strips

| Num gao         | default | marked | naive | psvn | psvn_split | watched |
|-----------------|---------|--------|-------|------|------------|---------|
| p_12_7-01.pddl  | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p_12_7-02.pddl  | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p_12_7-03.pddl  | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p_12_7-04.pddl  | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p_14_8-01.pddl  | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p_14_8-02.pddl  | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p_14_8-03.pddl  | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p_14_8-04.pddl  | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p_16_9-01.pddl  | 10000   | 10000  | 10000 | None | None       | 10000   |
| p_16_9-02.pddl  | 10000   | 10000  | 10000 | None | None       | 10000   |
| p_16_9-03.pddl  | 10000   | 10000  | 10000 | None | None       | 10000   |
| p_16_9-04.pddl  | 10000   | 10000  | 10000 | None | None       | 10000   |
| p_18_10-01.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p_18_10-02.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p_18_10-03.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p_18_10-04.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p_20_11-01.pddl | 10000   | 10000  | 10000 | None | None       | 10000   |
| p_20_11-02.pddl | 10000   | 10000  | 10000 | None | None       | 10000   |
| p_20_11-03.pddl | 10000   | 10000  | 10000 | None | None       | 10000   |
| p_20_11-04.pddl | 10000   | 10000  | 10000 | None | None       | 10000   |



## pathways

| Num gao  | default      | marked       | naive        | psvn | psvn_split   | watched      |
|----------|--------------|--------------|--------------|------|--------------|--------------|
| p01.pddl | 1643         | 1645         | 1645         | None | <b>1446</b>  | 1647         |
| p02.pddl | 2926         | 2924         | 2924         | None | <b>2713</b>  | 3070         |
| p03.pddl | 10000        | 10000        | 10000        | None | <b>4422</b>  | 10000        |
| p04.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p05.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p06.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p07.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p08.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p09.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p10.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p11.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p12.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p13.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p14.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p15.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p16.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p17.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p18.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p19.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p20.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p21.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p22.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p23.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p24.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p25.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p26.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p27.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p28.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p29.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p30.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |

## pegsol-08-strips

| Num gao  | default      | marked       | naive        | psvn       | psvn_split   | watched      |
|----------|--------------|--------------|--------------|------------|--------------|--------------|
| p01.pddl | <b>12</b>    | <b>12</b>    | <b>12</b>    | <b>12</b>  | <b>12</b>    | <b>12</b>    |
| p02.pddl | 84           | 84           | 84           | None       | <b>68</b>    | 84           |
| p03.pddl | 219          | 219          | 219          | None       | <b>161</b>   | 219          |
| p04.pddl | 213          | 213          | 213          | None       | <b>152</b>   | 213          |
| p05.pddl | <b>292</b>   | <b>292</b>   | <b>292</b>   | <b>292</b> | <b>292</b>   | <b>292</b>   |
| p06.pddl | 1214         | 1214         | 1214         | None       | <b>963</b>   | 1214         |
| p07.pddl | <b>176</b>   | <b>176</b>   | <b>176</b>   | None       | 204          | <b>176</b>   |
| p08.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None       | <b>10000</b> | <b>10000</b> |
| p09.pddl | 4142         | 4142         | 4142         | None       | <b>2638</b>  | 4142         |
| p10.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None       | <b>10000</b> | <b>10000</b> |
| p11.pddl | 10000        | 10000        | 10000        | None       | <b>5228</b>  | 10000        |
| p12.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None       | <b>10000</b> | <b>10000</b> |
| p13.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None       | <b>10000</b> | <b>10000</b> |
| p14.pddl | 10000        | 10000        | 10000        | None       | <b>9968</b>  | 10000        |
| p15.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None       | <b>10000</b> | <b>10000</b> |
| p16.pddl | 10000        | 10000        | 10000        | None       | <b>2690</b>  | 10000        |
| p17.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None       | <b>10000</b> | <b>10000</b> |
| p18.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None       | <b>10000</b> | <b>10000</b> |
| p19.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None       | <b>10000</b> | <b>10000</b> |
| p20.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None       | <b>10000</b> | <b>10000</b> |
| p21.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None       | <b>10000</b> | <b>10000</b> |
| p22.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None       | <b>10000</b> | <b>10000</b> |
| p23.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None       | <b>10000</b> | <b>10000</b> |
| p24.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None       | <b>10000</b> | <b>10000</b> |
| p25.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None       | <b>10000</b> | <b>10000</b> |
| p26.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None       | <b>10000</b> | <b>10000</b> |
| p27.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None       | <b>10000</b> | <b>10000</b> |
| p28.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None       | <b>10000</b> | <b>10000</b> |
| p29.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None       | <b>10000</b> | <b>10000</b> |
| p30.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None       | <b>10000</b> | <b>10000</b> |

# pegsol-opt11-strips

| Num gao  | default      | marked       | naive        | psvn | psvn_split   | watched      |
|----------|--------------|--------------|--------------|------|--------------|--------------|
| p01.pddl | 251          | 251          | 251          | None | <b>236</b>   | 251          |
| p02.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p03.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p04.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p05.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p06.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p07.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p08.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p09.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p10.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p11.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p12.pddl | 10000        | 10000        | 10000        | None | <b>1944</b>  | 10000        |
| p13.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p14.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p15.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p16.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p17.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p18.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p19.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p20.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |

# petri-net-alignment-opt18-strips

| Num gao  | default      | marked       | naive        | psvn | psvn_split   | watched      |
|----------|--------------|--------------|--------------|------|--------------|--------------|
| p01.pddl | 10000        | 10000        | 10000        | None | <b>281</b>   | 10000        |
| p02.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p03.pddl | 10000        | 10000        | 10000        | None | <b>1411</b>  | 10000        |
| p04.pddl | 10000        | 10000        | 10000        | None | <b>647</b>   | 10000        |
| p05.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p06.pddl | 10000        | 10000        | 10000        | None | <b>788</b>   | 10000        |
| p07.pddl | 10000        | 10000        | 10000        | None | <b>715</b>   | 10000        |
| p08.pddl | 10000        | 10000        | 10000        | None | <b>190</b>   | 10000        |
| p09.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p10.pddl | 10000        | 10000        | 10000        | None | <b>9665</b>  | 10000        |
| p11.pddl | 10000        | 10000        | 10000        | None | <b>133</b>   | 10000        |
| p12.pddl | 10000        | 10000        | 10000        | None | <b>343</b>   | 10000        |
| p13.pddl | 10000        | 10000        | 10000        | None | <b>5016</b>  | 10000        |
| p14.pddl | 10000        | 10000        | 10000        | None | <b>1762</b>  | 10000        |
| p15.pddl | 10000        | 10000        | 10000        | None | <b>2</b>     | 10000        |
| p16.pddl | 10000        | 10000        | 10000        | None | <b>62</b>    | 10000        |
| p17.pddl | 10000        | 10000        | 10000        | None | <b>192</b>   | 10000        |
| p18.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p19.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p20.pddl | 10000        | 10000        | 10000        | None | <b>1608</b>  | 10000        |

# pipesworld-notankage

| Num gao              | default      | marked       | naive        | psvn | psvn_split   | watched      |
|----------------------|--------------|--------------|--------------|------|--------------|--------------|
| p01-net1-b6-g2.pddl  | 103          | 94           | 94           | None | <b>75</b>    | 111          |
| p02-net1-b6-g4.pddl  | 1730         | <b>1675</b>  | <b>1675</b>  | None | 1690         | 1699         |
| p03-net1-b8-g3.pddl  | 3657         | 3257         | 3257         | None | 3275         | <b>2736</b>  |
| p04-net1-b8-g5.pddl  | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p05-net1-b10-g4.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p06-net1-b10-g6.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p07-net1-b12-g5.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p08-net1-b12-g7.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p09-net1-b14-g6.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p10-net1-b14-g8.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p11-net2-b10-g2.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p12-net2-b10-g4.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p13-net2-b12-g3.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p14-net2-b12-g5.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p15-net2-b14-g4.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p16-net2-b14-g6.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p17-net2-b16-g5.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p18-net2-b16-g7.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p19-net2-b18-g6.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p20-net2-b18-g8.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p21-net3-b12-g2.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p22-net3-b12-g4.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p23-net3-b14-g3.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p24-net3-b14-g5.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p25-net3-b16-g5.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p26-net3-b16-g7.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p27-net3-b18-g6.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p28-net3-b18-g7.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p29-net3-b20-g6.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p30-net3-b20-g8.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p31-net4-b14-g3.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p32-net4-b14-g5.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p33-net4-b16-g5.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p34-net4-b16-g6.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p35-net4-b18-g4.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p36-net4-b18-g6.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p37-net4-b20-g5.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p38-net4-b20-g7.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p39-net4-b22-g7.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p40-net4-b22-g8.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p41-net5-b22-g2.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p42-net5-b22-g4.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p43-net5-b24-g3.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |

## pipesworld-tankage

| Num gao                  | default      | marked       | naive        | psvn | psvn_split   | watched      |
|--------------------------|--------------|--------------|--------------|------|--------------|--------------|
| p01-net1-b6-g2-t50.pddl  | 135          | <b>94</b>    | <b>94</b>    | None | 278          | 127          |
| p02-net1-b6-g4-t50.pddl  | 1037         | 1012         | 1012         | None | <b>947</b>   | 1016         |
| p03-net1-b8-g3-t80.pddl  | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p04-net1-b8-g5-t80.pddl  | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p05-net1-b10-g4-t50.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p06-net1-b10-g6-t50.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p07-net1-b12-g5-t80.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p08-net1-b12-g7-t80.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p09-net1-b14-g6-t50.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p10-net1-b14-g8-t50.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p11-net2-b10-g2-t30.pddl | 10000        | 10000        | 10000        | None | <b>357</b>   | 10000        |
| p12-net2-b10-g4-t60.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p13-net2-b12-g3-t70.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p14-net2-b12-g5-t30.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p15-net2-b14-g4-t30.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p16-net2-b14-g6-t80.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p17-net2-b16-g5-t20.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p18-net2-b16-g7-t60.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p19-net2-b18-g6-t60.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p20-net2-b18-g8-t90.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p21-net3-b12-g2-t60.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p22-net3-b12-g4-t60.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p23-net3-b14-g3-t60.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p24-net3-b14-g5-t60.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p25-net3-b16-g5-t60.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p26-net3-b16-g7-t70.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p27-net3-b18-g6-t70.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p28-net3-b18-g7-t70.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p29-net3-b20-g6-t70.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p30-net3-b20-g8-t70.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p31-net4-b14-g3-t20.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p32-net4-b14-g5-t30.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p33-net4-b16-g5-t60.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p34-net4-b16-g6-t60.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p35-net4-b18-g4-t90.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p36-net4-b18-g6-t90.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p37-net4-b20-g5-t60.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p38-net4-b20-g7-t60.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p39-net4-b22-g7-t50.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p40-net4-b22-g8-t50.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p41-net5-b22-g2-t20.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p42-net5-b22-g4-t50.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |
| p43-net5-b24-g3-t80.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None         | <b>10000</b> |

psr-small

| Num gao                | default | marked | naive | psvn  | psvn_split  | watched     |
|------------------------|---------|--------|-------|-------|-------------|-------------|
| p01-s2-n1-l2-f50.pddl  | 10      | 10     | 10    | 10    | <b>3</b>    | 10          |
| p02-s5-n1-l3-f30.pddl  | 67      | 70     | 70    | 70    | <b>5</b>    | 70          |
| p03-s7-n1-l3-f70.pddl  | 32      | 32     | 32    | 32    | <b>5</b>    | 32          |
| p04-s8-n1-l4-f10.pddl  | 232     | 344    | 344   | 317   | <b>5</b>    | 294         |
| p05-s9-n1-l4-f30.pddl  | 131     | 153    | 153   | 141   | <b>5</b>    | 131         |
| p06-s10-n1-l4-f50.pddl | 10      | 10     | 10    | 10    | <b>3</b>    | 10          |
| p07-s11-n1-l4-f70.pddl | 105     | 116    | 116   | 116   | <b>5</b>    | 116         |
| p08-s12-n1-l5-f10.pddl | 68      | 118    | 118   | 122   | <b>3</b>    | 112         |
| p09-s13-n1-l5-f30.pddl | 33      | 48     | 48    | 43    | <b>3</b>    | 33          |
| p10-s17-n2-l2-f30.pddl | 710     | 1333   | 1333  | 1269  | <b>1</b>    | 1343        |
| p11-s18-n2-l2-f50.pddl | 152     | 152    | 152   | 152   | <b>12</b>   | 152         |
| p12-s21-n2-l3-f30.pddl | 142     | 146    | 146   | 150   | <b>8</b>    | 150         |
| p13-s22-n2-l3-f50.pddl | 95      | 94     | 94    | 94    | <b>6</b>    | 94          |
| p14-s23-n2-l3-f70.pddl | 26      | 30     | 30    | 29    | <b>6</b>    | 30          |
| p15-s24-n2-l4-f10.pddl | 3331    | 3466   | 3466  | 3561  | 3561        | <b>3150</b> |
| p16-s29-n2-l5-f30.pddl | 2675    | 2679   | 2679  | 2740  | <b>26</b>   | 2686        |
| p17-s30-n2-l5-f50.pddl | 15      | 15     | 15    | 15    | <b>4</b>    | 15          |
| p18-s31-n2-l5-f70.pddl | 141     | 153    | 153   | 153   | <b>10</b>   | 153         |
| p19-s33-n3-l2-f30.pddl | 9100    | 9129   | 9129  | 8973  | <b>18</b>   | 8996        |
| p20-s34-n3-l2-f50.pddl | 83      | 83     | 83    | 83    | <b>12</b>   | 83          |
| p21-s35-n3-l2-f70.pddl | 37      | 41     | 41    | 40    | <b>8</b>    | 41          |
| p22-s37-n3-l3-f30.pddl | 10000   | 10000  | 10000 | 10000 | <b>44</b>   | 10000       |
| p23-s38-n3-l3-f50.pddl | 189     | 225    | 225   | 214   | <b>20</b>   | 224         |
| p24-s39-n3-l3-f70.pddl | 37      | 41     | 41    | 40    | <b>8</b>    | 41          |
| p25-s40-n3-l4-f10.pddl | 10000   | 10000  | 10000 | 10000 | <b>8601</b> | 9155        |
| p26-s41-n3-l4-f30.pddl | 171     | 175    | 175   | 179   | <b>16</b>   | 175         |
| p27-s42-n3-l4-f50.pddl | 819     | 837    | 837   | 817   | <b>24</b>   | 797         |
| p28-s43-n3-l4-f70.pddl | 94      | 101    | 101   | 101   | <b>36</b>   | 101         |
| p29-s45-n3-l5-f30.pddl | 10000   | 10000  | 10000 | 10000 | <b>4</b>    | 10000       |
| p30-s46-n3-l5-f50.pddl | 2262    | 2343   | 2343  | 2449  | <b>24</b>   | 2288        |
| p31-s49-n4-l2-f30.pddl | 10000   | 10000  | 10000 | 10000 | <b>24</b>   | 10000       |
| p32-s50-n4-l2-f50.pddl | 434     | 434    | 434   | 434   | <b>56</b>   | 434         |
| p33-s51-n4-l2-f70.pddl | 2296    | 2417   | 2417  | 2420  | <b>40</b>   | 2200        |
| p34-s55-n4-l3-f70.pddl | 226     | 226    | 226   | 226   | <b>32</b>   | 226         |
| p35-s57-n5-l2-f30.pddl | 10000   | 10000  | 10000 | None  | <b>24</b>   | 10000       |
| p36-s65-n6-l2-f30.pddl | 10000   | 10000  | 10000 | None  | <b>12</b>   | 10000       |
| p37-s67-n6-l2-f70.pddl | 1523    | 1563   | 1563  | 1512  | <b>48</b>   | 1561        |
| p38-s78-n3-l3-f50.pddl | 543     | 594    | 594   | 527   | <b>4</b>    | 577         |
| p39-s79-n3-l3-f70.pddl | 3872    | 4124   | 4124  | 4155  | <b>72</b>   | 3830        |
| p40-s80-n3-l4-f10.pddl | 10000   | 10000  | 10000 | None  | <b>1</b>    | 10000       |
| p41-s81-n3-l4-f30.pddl | 53      | 64     | 64    | 66    | <b>12</b>   | 66          |
| p42-s82-n3-l4-f50.pddl | 1887    | 1949   | 1949  | 1949  | <b>68</b>   | 1949        |
| p43-s83-n3-l4-f70.pddl | 332     | 332    | 332   | 332   | <b>20</b>   | 332         |

# rovers

| Num gao  | default      | marked       | naive        | psvn         | psvn_split   | watched      |
|----------|--------------|--------------|--------------|--------------|--------------|--------------|
| p01.pddl | 1072         | 1038         | 1038         | 1106         | 1098         | <b>1020</b>  |
| p02.pddl | 272          | <b>247</b>   | <b>247</b>   | 275          | 275          | 249          |
| p03.pddl | <b>3711</b>  | 4213         | 4213         | 3723         | 3723         | 4125         |
| p04.pddl | <b>875</b>   | 919          | 919          | 888          | 888          | 1245         |
| p05.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| p06.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| p07.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p08.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p09.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p10.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p11.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p12.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p13.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p14.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p15.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p16.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p17.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p18.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p19.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p20.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p21.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p22.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p23.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p24.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p25.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p26.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p27.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p28.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p29.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p30.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | None         | <b>10000</b> |
| p31.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p32.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p33.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p34.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | None         | <b>10000</b> |
| p35.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | None         | <b>10000</b> |
| p36.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | None         | <b>10000</b> |
| p37.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | None         | <b>10000</b> |
| p38.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | None         | <b>10000</b> |
| p39.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | None         | <b>10000</b> |
| p40.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | None         | <b>10000</b> |



## satellite

| Num gao             | default      | marked       | naive        | psvn         | psvn_split   | watched      |
|---------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| p01-pfile1.pddl     | 92           | 92           | 92           | <b>88</b>    | <b>88</b>    | 89           |
| p02-pfile2.pddl     | 1771         | 1771         | 1771         | 1552         | <b>1551</b>  | 1596         |
| p03-pfile3.pddl     | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| p04-pfile4.pddl     | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| p05-pfile5.pddl     | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p06-pfile6.pddl     | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| p07-pfile7.pddl     | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p08-pfile8.pddl     | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p09-pfile9.pddl     | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p10-pfile10.pddl    | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p11-pfile11.pddl    | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p12-pfile12.pddl    | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p13-pfile13.pddl    | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p14-pfile14.pddl    | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p15-pfile15.pddl    | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p16-pfile16.pddl    | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p17-pfile17.pddl    | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p18-pfile18.pddl    | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p19-pfile19.pddl    | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p20-pfile20.pddl    | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p21-HC-pfile1.pddl  | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p22-HC-pfile2.pddl  | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p23-HC-pfile3.pddl  | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p24-HC-pfile4.pddl  | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p25-HC-pfile5.pddl  | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p26-HC-pfile6.pddl  | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p27-HC-pfile7.pddl  | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p28-HC-pfile8.pddl  | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | None         | <b>10000</b> |
| p29-HC-pfile9.pddl  | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | None         | <b>10000</b> |
| p30-HC-pfile10.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | None         | <b>10000</b> |
| p31-HC-pfile11.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | None         | <b>10000</b> |
| p32-HC-pfile12.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | None         | <b>10000</b> |
| p33-HC-pfile13.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | None         | <b>10000</b> |
| p34-HC-pfile14.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | None         | <b>10000</b> |
| p35-HC-pfile15.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | None         | <b>10000</b> |
| p36-HC-pfile16.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | None         | <b>10000</b> |

# scanalyzer-08-strips

| Num gao  | default | marked | naive | psvn  | psvn_split | watched |
|----------|---------|--------|-------|-------|------------|---------|
| p01.pddl | 10000   | 10000  | 10000 | 10000 | 10000      | 10000   |
| p02.pddl | 10000   | 10000  | 10000 | 10000 | 10000      | 10000   |
| p03.pddl | 10000   | 10000  | 10000 | 10000 | 10000      | 10000   |
| p04.pddl | 10000   | 10000  | 10000 | None  | None       | 10000   |
| p05.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p06.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p07.pddl | 10000   | 10000  | 10000 | None  | None       | 10000   |
| p08.pddl | 10000   | 10000  | 10000 | None  | None       | 10000   |
| p09.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p10.pddl | 10000   | 10000  | 10000 | None  | None       | 10000   |
| p11.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p12.pddl | 10000   | 10000  | 10000 | None  | None       | 10000   |
| p13.pddl | 10000   | 10000  | 10000 | None  | None       | 10000   |
| p14.pddl | 10000   | 10000  | 10000 | None  | None       | 10000   |
| p15.pddl | 10000   | 10000  | 10000 | None  | None       | 10000   |
| p16.pddl | 10000   | 10000  | 10000 | None  | None       | 10000   |
| p17.pddl | 10000   | 10000  | 10000 | None  | None       | 10000   |
| p18.pddl | 10000   | 10000  | 10000 | None  | None       | 10000   |
| p19.pddl | 10000   | 10000  | 10000 | None  | None       | 10000   |
| p20.pddl | 10000   | 10000  | 10000 | None  | None       | 10000   |
| p21.pddl | 10000   | 10000  | 10000 | None  | None       | 10000   |
| p22.pddl | 53      | 53     | 53    | 53    | 53         | 53      |
| p23.pddl | 53      | 53     | 53    | 53    | 53         | 53      |
| p24.pddl | 53      | 53     | 53    | 53    | 53         | 53      |
| p25.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p26.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p27.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p28.pddl | 10000   | 10000  | 10000 | None  | None       | 10000   |
| p29.pddl | 10000   | 10000  | 10000 | None  | None       | 10000   |
| p30.pddl | 10000   | 10000  | 10000 | None  | None       | 10000   |

# scanalyzer-opt11-strips

| Num gao  | default      | marked       | naive        | psvn         | psvn_split   | watched      |
|----------|--------------|--------------|--------------|--------------|--------------|--------------|
| p01.pddl | <b>53</b>    | <b>53</b>    | <b>53</b>    | <b>53</b>    | <b>53</b>    | <b>53</b>    |
| p02.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| p03.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| p04.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | None         | <b>10000</b> |
| p05.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | None         | <b>10000</b> |
| p06.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p07.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | None         | <b>10000</b> |
| p08.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | None         | <b>10000</b> |
| p09.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | None         | <b>10000</b> |
| p10.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | None         | <b>10000</b> |
| p11.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p12.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p13.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p14.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p15.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | None         | <b>10000</b> |
| p16.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p17.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | None         | <b>10000</b> |
| p18.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | None         | <b>10000</b> |
| p19.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | None         | <b>10000</b> |
| p20.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | None         | <b>10000</b> |

# snake-opt18-strips

| Num gao  | default | marked | naive | psvn | psvn_split | watched |
|----------|---------|--------|-------|------|------------|---------|
| p01.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p02.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p03.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p04.pddl | 1427    | 2329   | 2329  | None | 2343       | 1892    |
| p05.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p06.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p07.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p08.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p09.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p10.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p11.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p12.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p13.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p14.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p15.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p16.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p17.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p18.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p19.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p20.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |

# sokoban-opt08-strips

| Num gao  | default      | marked       | naive        | psvn        | psvn_split   | watched      |
|----------|--------------|--------------|--------------|-------------|--------------|--------------|
| p01.pddl | 1761         | 1761         | 1761         | 1761        | <b>315</b>   | 1761         |
| p02.pddl | 1347         | 1347         | 1347         | <b>1346</b> | <b>1346</b>  | 1347         |
| p03.pddl | 1164         | 1164         | 1164         | 1164        | <b>166</b>   | 1164         |
| p04.pddl | 10000        | 10000        | 10000        | None        | <b>16</b>    | 10000        |
| p05.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p06.pddl | 10000        | 10000        | 10000        | None        | <b>7421</b>  | 10000        |
| p07.pddl | 10000        | 10000        | 10000        | None        | <b>44</b>    | 10000        |
| p08.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p09.pddl | 10000        | 10000        | 10000        | None        | <b>18</b>    | 10000        |
| p10.pddl | 10000        | 10000        | 10000        | None        | <b>9996</b>  | 10000        |
| p11.pddl | 10000        | 10000        | 10000        | None        | <b>245</b>   | 10000        |
| p12.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p13.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p14.pddl | 10000        | 10000        | 10000        | None        | <b>93</b>    | 10000        |
| p15.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p16.pddl | 10000        | 10000        | 10000        | None        | <b>409</b>   | 10000        |
| p17.pddl | 10000        | 10000        | 10000        | None        | <b>1085</b>  | 10000        |
| p18.pddl | 10000        | 10000        | 10000        | None        | <b>2644</b>  | 10000        |
| p19.pddl | 10000        | 10000        | 10000        | None        | <b>1314</b>  | 10000        |
| p20.pddl | 648          | 648          | 648          | None        | <b>115</b>   | 648          |
| p21.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p22.pddl | 10000        | 10000        | 10000        | None        | <b>137</b>   | 10000        |
| p23.pddl | 10000        | 10000        | 10000        | None        | <b>1645</b>  | 10000        |
| p24.pddl | 10000        | 10000        | 10000        | None        | <b>76</b>    | 10000        |
| p25.pddl | 10000        | 10000        | 10000        | None        | <b>1912</b>  | 10000        |
| p26.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p27.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p28.pddl | 10000        | 10000        | 10000        | None        | <b>13</b>    | 10000        |
| p29.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p30.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | None         | <b>10000</b> |

# sokoban-opt11-strips

| Num gao  | default      | marked       | naive        | psvn | psvn_split   | watched      |
|----------|--------------|--------------|--------------|------|--------------|--------------|
| p01.pddl | 10000        | 10000        | 10000        | None | <b>7421</b>  | 10000        |
| p02.pddl | 10000        | 10000        | 10000        | None | <b>1085</b>  | 10000        |
| p03.pddl | 10000        | 10000        | 10000        | None | <b>93</b>    | 10000        |
| p04.pddl | 10000        | 10000        | 10000        | None | <b>16</b>    | 10000        |
| p05.pddl | 10000        | 10000        | 10000        | None | <b>409</b>   | 10000        |
| p06.pddl | 10000        | 10000        | 10000        | None | <b>245</b>   | 10000        |
| p07.pddl | 10000        | 10000        | 10000        | None | <b>9996</b>  | 10000        |
| p08.pddl | 10000        | 10000        | 10000        | None | <b>18</b>    | 10000        |
| p09.pddl | 10000        | 10000        | 10000        | None | <b>44</b>    | 10000        |
| p10.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p11.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p12.pddl | 648          | 648          | 648          | None | <b>115</b>   | 648          |
| p13.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p14.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p15.pddl | 10000        | 10000        | 10000        | None | <b>2644</b>  | 10000        |
| p16.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p17.pddl | 10000        | 10000        | 10000        | None | <b>1314</b>  | 10000        |
| p18.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | <b>10000</b> | <b>10000</b> |
| p19.pddl | 10000        | 10000        | 10000        | None | <b>137</b>   | 10000        |
| p20.pddl | 10000        | 10000        | 10000        | None | <b>1645</b>  | 10000        |

# spider-opt18-strips

| Num gao  | default      | marked       | naive        | psvn | psvn_split | watched      |
|----------|--------------|--------------|--------------|------|------------|--------------|
| p01.pddl | 10000        | 10000        | 10000        | None | <b>2</b>   | 10000        |
| p02.pddl | <b>8079</b>  | 8083         | 8083         | None | None       | <b>8079</b>  |
| p03.pddl | 10000        | 10000        | 10000        | None | <b>3</b>   | 10000        |
| p04.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None       | <b>10000</b> |
| p05.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None       | <b>10000</b> |
| p06.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None       | <b>10000</b> |
| p07.pddl | 5077         | 5078         | 5078         | None | <b>10</b>  | 5077         |
| p08.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None       | <b>10000</b> |
| p09.pddl | 10000        | 10000        | 10000        | None | <b>4</b>   | 10000        |
| p10.pddl | 10000        | 10000        | 10000        | None | <b>4</b>   | 10000        |
| p11.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None       | <b>10000</b> |
| p12.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None       | <b>10000</b> |
| p13.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None       | <b>10000</b> |
| p14.pddl | 10000        | 10000        | 10000        | None | <b>41</b>  | 10000        |
| p15.pddl | <b>1534</b>  | 1536         | 1536         | None | None       | <b>1534</b>  |
| p16.pddl | 10000        | 10000        | 10000        | None | <b>4</b>   | 10000        |
| p17.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None       | <b>10000</b> |
| p18.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None       | <b>10000</b> |
| p19.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None       | <b>10000</b> |
| p20.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None       | <b>10000</b> |

## storage

| Num gao  | default      | marked       | naive        | psvn     | psvn_split   | watched      |
|----------|--------------|--------------|--------------|----------|--------------|--------------|
| p01.pddl | <b>3</b>     | <b>3</b>     | <b>3</b>     | <b>3</b> | <b>3</b>     | <b>3</b>     |
| p02.pddl | <b>3</b>     | <b>3</b>     | <b>3</b>     | 4        | <b>3</b>     | <b>3</b>     |
| p03.pddl | <b>3</b>     | <b>3</b>     | <b>3</b>     | 5        | 5            | <b>3</b>     |
| p04.pddl | 57           | 53           | 53           | 54       | 56           | <b>51</b>    |
| p05.pddl | 162          | 158          | 158          | 240      | 182          | <b>145</b>   |
| p06.pddl | 306          | 305          | 305          | 432      | <b>115</b>   | 270          |
| p07.pddl | 848          | 820          | 820          | 863      | 863          | <b>759</b>   |
| p08.pddl | 8575         | 8586         | 8586         | None     | <b>7334</b>  | 7692         |
| p09.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None     | <b>10000</b> | <b>10000</b> |
| p10.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None     | <b>10000</b> | <b>10000</b> |
| p11.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None     | <b>10000</b> | <b>10000</b> |
| p12.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None     | <b>10000</b> | <b>10000</b> |
| p13.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None     | <b>10000</b> | <b>10000</b> |
| p14.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None     | <b>10000</b> | <b>10000</b> |
| p15.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None     | <b>10000</b> | <b>10000</b> |
| p16.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None     | <b>10000</b> | <b>10000</b> |
| p17.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None     | <b>10000</b> | <b>10000</b> |
| p18.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None     | <b>10000</b> | <b>10000</b> |
| p19.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None     | <b>10000</b> | <b>10000</b> |
| p20.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None     | <b>10000</b> | <b>10000</b> |
| p21.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None     | <b>10000</b> | <b>10000</b> |
| p22.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None     | <b>10000</b> | <b>10000</b> |
| p23.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None     | <b>10000</b> | <b>10000</b> |
| p24.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None     | <b>10000</b> | <b>10000</b> |
| p25.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None     | <b>10000</b> | <b>10000</b> |
| p26.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None     | <b>10000</b> | <b>10000</b> |
| p27.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None     | <b>10000</b> | <b>10000</b> |
| p28.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None     | <b>10000</b> | <b>10000</b> |
| p29.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None     | None         | <b>10000</b> |
| p30.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None     | None         | <b>10000</b> |



**termes-opt18-strips**

| Num gao  | default | marked | naive | psvn  | psvn_split | watched |
|----------|---------|--------|-------|-------|------------|---------|
| p01.pddl | 10000   | 10000  | 10000 | 10000 | 10000      | 10000   |
| p02.pddl | 10000   | 10000  | 10000 | 10000 | 10000      | 10000   |
| p03.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p04.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p05.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p06.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p07.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p08.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p09.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p10.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p11.pddl | 10000   | 10000  | 10000 | 10000 | 10000      | 10000   |
| p12.pddl | 10000   | 10000  | 10000 | 10000 | 10000      | 10000   |
| p13.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p14.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p15.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p16.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p17.pddl | 10000   | 10000  | 10000 | 10000 | 10000      | 10000   |
| p18.pddl | 10000   | 10000  | 10000 | 10000 | 10000      | 10000   |
| p19.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p20.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |

# tetris-opt14-strips

| Num gao     | default      | marked       | naive        | psvn | psvn_split | watched      |
|-------------|--------------|--------------|--------------|------|------------|--------------|
| p01-6.pddl  | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None       | <b>10000</b> |
| p01-8.pddl  | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None       | <b>10000</b> |
| p01-10.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None       | <b>10000</b> |
| p02-4.pddl  | <b>179</b>   | <b>179</b>   | <b>179</b>   | None | None       | <b>179</b>   |
| p02-6.pddl  | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None       | <b>10000</b> |
| p02-8.pddl  | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None       | <b>10000</b> |
| p02-10.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None       | <b>10000</b> |
| p03-4.pddl  | <b>7496</b>  | 7916         | 7916         | None | None       | 7507         |
| p03-6.pddl  | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None       | <b>10000</b> |
| p03-8.pddl  | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None       | <b>10000</b> |
| p03-10.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None       | <b>10000</b> |
| p04-6.pddl  | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None       | <b>10000</b> |
| p04-8.pddl  | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None       | <b>10000</b> |
| p04-10.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None       | <b>10000</b> |
| p05-6.pddl  | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None       | <b>10000</b> |
| p05-8.pddl  | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None       | <b>10000</b> |
| p05-10.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None       | <b>10000</b> |

# tidybot-opt11-strips

| Num gao  | default      | marked       | naive        | psvn | psvn_split | watched      |
|----------|--------------|--------------|--------------|------|------------|--------------|
| p01.pddl | 63           | <b>30</b>    | <b>30</b>    | None | None       | 37           |
| p02.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None       | <b>10000</b> |
| p03.pddl | 10000        | <b>7275</b>  | <b>7275</b>  | None | None       | 7595         |
| p04.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None       | <b>10000</b> |
| p05.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None       | <b>10000</b> |
| p06.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None       | <b>10000</b> |
| p07.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None       | <b>10000</b> |
| p08.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None       | <b>10000</b> |
| p09.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None       | <b>10000</b> |
| p10.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None       | <b>10000</b> |
| p11.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None       | <b>10000</b> |
| p12.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None       | <b>10000</b> |
| p13.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None       | <b>10000</b> |
| p14.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None       | <b>10000</b> |
| p15.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None       | <b>10000</b> |
| p16.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None       | <b>10000</b> |
| p17.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None       | <b>10000</b> |
| p18.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None       | <b>10000</b> |
| p19.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None       | <b>10000</b> |
| p20.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None | None       | <b>10000</b> |

# tidybot-opt14-strips

| Num gao  | default | marked | naive | psvn | psvn_split | watched |
|----------|---------|--------|-------|------|------------|---------|
| p01.pddl | 10000   | 10000  | 10000 | None | None       | 10000   |
| p02.pddl | 10000   | 10000  | 10000 | None | None       | 10000   |
| p03.pddl | 10000   | 10000  | 10000 | None | None       | 10000   |
| p04.pddl | 10000   | 10000  | 10000 | None | None       | 10000   |
| p05.pddl | 10000   | 10000  | 10000 | None | None       | 10000   |
| p06.pddl | 10000   | 10000  | 10000 | None | None       | 10000   |
| p07.pddl | 10000   | 10000  | 10000 | None | None       | 10000   |
| p08.pddl | 10000   | 10000  | 10000 | None | None       | 10000   |
| p09.pddl | 10000   | 10000  | 10000 | None | None       | 10000   |
| p10.pddl | 10000   | 10000  | 10000 | None | None       | 10000   |
| p11.pddl | 10000   | 10000  | 10000 | None | None       | 10000   |
| p12.pddl | 10000   | 10000  | 10000 | None | None       | 10000   |
| p13.pddl | 10000   | 10000  | 10000 | None | None       | 10000   |
| p14.pddl | 10000   | 10000  | 10000 | None | None       | 10000   |
| p15.pddl | 10000   | 10000  | 10000 | None | None       | 10000   |
| p16.pddl | 10000   | 10000  | 10000 | None | None       | 10000   |
| p17.pddl | 10000   | 10000  | 10000 | None | None       | 10000   |
| p18.pddl | 10000   | 10000  | 10000 | None | None       | 10000   |
| p19.pddl | 10000   | 10000  | 10000 | None | None       | 10000   |
| p20.pddl | 10000   | 10000  | 10000 | None | None       | 10000   |

# tpp

| Num gao  | default      | marked       | naive        | psvn         | psvn_split   | watched      |
|----------|--------------|--------------|--------------|--------------|--------------|--------------|
| p01.pddl | <b>6</b>     | <b>6</b>     | <b>6</b>     | <b>6</b>     | <b>6</b>     | <b>6</b>     |
| p02.pddl | 26           | 26           | 26           | 26           | <b>24</b>    | 26           |
| p03.pddl | 118          | 118          | 118          | 118          | <b>96</b>    | 115          |
| p04.pddl | 497          | 497          | 497          | 497          | <b>384</b>   | 493          |
| p05.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| p06.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p07.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p08.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p09.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p10.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p11.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p12.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p13.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p14.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p15.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p16.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p17.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p18.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p19.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p20.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p21.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p22.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | None         | <b>10000</b> |
| p23.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | None         | <b>10000</b> |
| p24.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p25.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | None         | <b>10000</b> |
| p26.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | None         | <b>10000</b> |
| p27.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | None         | <b>10000</b> |
| p28.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | None         | <b>10000</b> |
| p29.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | None         | <b>10000</b> |
| p30.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | None         | <b>10000</b> |

# transport-opt08-strips

| Num gao  | default      | marked       | naive        | psvn         | psvn_split   | watched      |
|----------|--------------|--------------|--------------|--------------|--------------|--------------|
| p01.pddl | <b>64</b>    | <b>64</b>    | <b>64</b>    | <b>64</b>    | <b>64</b>    | <b>64</b>    |
| p02.pddl | <b>2289</b>  | 2290         | 2290         | <b>2289</b>  | <b>2289</b>  | <b>2289</b>  |
| p03.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p04.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p05.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p06.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p07.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p08.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | None         | <b>10000</b> |
| p09.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p10.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p11.pddl | <b>168</b>   | <b>168</b>   | <b>168</b>   | <b>168</b>   | <b>168</b>   | <b>168</b>   |
| p12.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| p13.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p14.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p15.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p16.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p17.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p18.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p19.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p20.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | None         | <b>10000</b> |
| p21.pddl | 113          | 113          | 113          | 113          | <b>107</b>   | 118          |
| p22.pddl | 7679         | 7679         | 7679         | 7679         | <b>7539</b>  | 7679         |
| p23.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p24.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p25.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p26.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p27.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p28.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p29.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p30.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |

# transport-opt11-strips

| Num gao  | default | marked | naive | psvn  | psvn_split | watched |
|----------|---------|--------|-------|-------|------------|---------|
| p01.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p02.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p03.pddl | 10000   | 10000  | 10000 | 10000 | 10000      | 10000   |
| p04.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p05.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p06.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p07.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p08.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p09.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p10.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p11.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p12.pddl | 10000   | 10000  | 10000 | None  | 216        | 10000   |
| p13.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p14.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p15.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p16.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p17.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p18.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p19.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p20.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |

# transport-opt14-strips

| Num gao  | default | marked | naive | psvn  | psvn_split | watched |
|----------|---------|--------|-------|-------|------------|---------|
| p01.pddl | 10000   | 10000  | 10000 | 10000 | 10000      | 10000   |
| p02.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p03.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p04.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p05.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p06.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p07.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p08.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p09.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p10.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p11.pddl | 10000   | 10000  | 10000 | None  | None       | 10000   |
| p12.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p13.pddl | 10000   | 10000  | 10000 | None  | 1573       | 10000   |
| p14.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p15.pddl | 10000   | 10000  | 10000 | None  | None       | 10000   |
| p16.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p17.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p18.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p19.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |
| p20.pddl | 10000   | 10000  | 10000 | None  | 10000      | 10000   |



## trucks-strips

| Num gao  | default      | marked       | naive        | psvn         | psvn_split   | watched      |
|----------|--------------|--------------|--------------|--------------|--------------|--------------|
| p01.pddl | 4903         | 4879         | 4879         | 4880         | 4879         | <b>4788</b>  |
| p02.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| p03.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| p04.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p05.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p06.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p07.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p08.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p09.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p10.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p11.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p12.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p13.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p14.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p15.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p16.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p17.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p18.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p19.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p20.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p21.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p22.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p23.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | None         | <b>10000</b> |
| p24.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | None         | <b>10000</b> |
| p25.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p26.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | None         | <b>10000</b> |
| p27.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | None         | <b>10000</b> |
| p28.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | None         | <b>10000</b> |
| p29.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | None         | <b>10000</b> |
| p30.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | None         | <b>10000</b> |

# visitall-opt11-strips

| Num gao             | default      | marked       | naive        | psvn         | psvn_split   | watched      |
|---------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| problem02-full.pddl | 4            | 4            | 4            | 4            | <b>3</b>     | 5            |
| problem02-half.pddl | <b>1</b>     | <b>1</b>     | <b>1</b>     | <b>1</b>     | 3            | <b>1</b>     |
| problem03-full.pddl | 357          | 357          | 357          | 357          | <b>322</b>   | 357          |
| problem03-half.pddl | 54           | 54           | 54           | 54           | 54           | <b>41</b>    |
| problem04-full.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| problem04-half.pddl | 670          | 670          | 670          | 670          | 681          | <b>522</b>   |
| problem05-full.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| problem05-half.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| problem06-full.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| problem06-half.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| problem07-full.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| problem07-half.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| problem08-full.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| problem08-half.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| problem09-full.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| problem09-half.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| problem10-full.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| problem10-half.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| problem11-full.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| problem11-half.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |

**visitall-opt14-strips**

| Num gao      | default | marked | naive | psvn  | psvn_split | watched |
|--------------|---------|--------|-------|-------|------------|---------|
| p-1-5.pddl   | 10000   | 10000  | 10000 | 10000 | 10000      | 10000   |
| p-1-6.pddl   | 10000   | 10000  | 10000 | 10000 | 10000      | 10000   |
| p-1-7.pddl   | 10000   | 10000  | 10000 | 10000 | 10000      | 10000   |
| p-1-8.pddl   | 10000   | 10000  | 10000 | 10000 | 10000      | 10000   |
| p-1-9.pddl   | 10000   | 10000  | 10000 | 10000 | 10000      | 10000   |
| p-1-10.pddl  | 10000   | 10000  | 10000 | 10000 | 10000      | 10000   |
| p-1-11.pddl  | 10000   | 10000  | 10000 | 10000 | 10000      | 10000   |
| p-1-12.pddl  | 10000   | 10000  | 10000 | 10000 | 10000      | 10000   |
| p-1-13.pddl  | 10000   | 10000  | 10000 | 10000 | 10000      | 10000   |
| p-1-14.pddl  | 10000   | 10000  | 10000 | 10000 | 10000      | 10000   |
| p-1-15.pddl  | 10000   | 10000  | 10000 | 10000 | 10000      | 10000   |
| p-1-16.pddl  | 10000   | 10000  | 10000 | 10000 | 10000      | 10000   |
| p-1-17.pddl  | 10000   | 10000  | 10000 | 10000 | 10000      | 10000   |
| p-1-18.pddl  | 10000   | 10000  | 10000 | 10000 | 10000      | 10000   |
| p-05-5.pddl  | 10000   | 10000  | 10000 | 10000 | 10000      | 10000   |
| p-05-6.pddl  | 10000   | 10000  | 10000 | 10000 | 10000      | 10000   |
| p-05-7.pddl  | 10000   | 10000  | 10000 | 10000 | 10000      | 10000   |
| p-05-8.pddl  | 10000   | 10000  | 10000 | 10000 | 10000      | 10000   |
| p-05-9.pddl  | 10000   | 10000  | 10000 | 10000 | 10000      | 10000   |
| p-05-10.pddl | 10000   | 10000  | 10000 | 10000 | 10000      | 10000   |

# woodworking-opt08-strips

| Num gao  | default      | marked       | naive        | psvn        | psvn_split   | watched      |
|----------|--------------|--------------|--------------|-------------|--------------|--------------|
| p01.pddl | <b>9797</b>  | <b>9797</b>  | <b>9797</b>  | None        | 10000        | <b>9797</b>  |
| p02.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p03.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p04.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p05.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p06.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p07.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p08.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p09.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p10.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p11.pddl | <b>4150</b>  | <b>4150</b>  | <b>4150</b>  | <b>4150</b> | 4862         | <b>4150</b>  |
| p12.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p13.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p14.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p15.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p16.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p17.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p18.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p19.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p20.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p21.pddl | <b>265</b>   | <b>265</b>   | <b>265</b>   | <b>265</b>  | <b>265</b>   | <b>265</b>   |
| p22.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p23.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p24.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p25.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p26.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p27.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p28.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p29.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |
| p30.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None        | <b>10000</b> | <b>10000</b> |

# woodworking-opt11-strips

| Num gao  | default | marked | naive | psvn | psvn_split | watched |
|----------|---------|--------|-------|------|------------|---------|
| p01.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p02.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p03.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p04.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p05.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p06.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p07.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p08.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p09.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p10.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p11.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p12.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p13.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p14.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p15.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p16.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p17.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p18.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p19.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |
| p20.pddl | 10000   | 10000  | 10000 | None | 10000      | 10000   |

## zenotravel

| Num gao  | default      | marked       | naive        | psvn         | psvn_split   | watched      |
|----------|--------------|--------------|--------------|--------------|--------------|--------------|
| p01.pddl | <b>1</b>     | <b>1</b>     | <b>1</b>     | <b>1</b>     | <b>1</b>     | <b>1</b>     |
| p02.pddl | 57           | 53           | 53           | 57           | 57           | <b>46</b>    |
| p03.pddl | 6042         | <b>2484</b>  | <b>2484</b>  | 6042         | 6042         | 6034         |
| p04.pddl | 6723         | 6239         | 6239         | <b>4797</b>  | <b>4797</b>  | 6779         |
| p05.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| p06.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| p07.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> | <b>10000</b> |
| p08.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p09.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p10.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p11.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p12.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p13.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p14.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p15.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p16.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p17.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p18.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p19.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |
| p20.pddl | <b>10000</b> | <b>10000</b> | <b>10000</b> | None         | <b>10000</b> | <b>10000</b> |

## run\_dir

Domain-wise reports only support numeric attributes, but run\_dir has type str.

## agricola-opt18-strips

| Run dir  | default                | marked                 | naive                  | psvn                   | psvn_split             | watched                |
|----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| p01.pddl | runs-00001-00100/00001 | runs-05401-05500/05482 | runs-09101-09200/09136 | runs-01801-01900/01828 | runs-03601-03700/03655 | runs-07301-07400/07309 |
| p02.pddl | runs-00001-00100/00002 | runs-05401-05500/05483 | runs-09101-09200/09137 | runs-01801-01900/01829 | runs-03601-03700/03656 | runs-07301-07400/07310 |
| p03.pddl | runs-00001-00100/00003 | runs-05401-05500/05484 | runs-09101-09200/09138 | runs-01801-01900/01830 | runs-03601-03700/03657 | runs-07301-07400/07311 |
| p04.pddl | runs-00001-00100/00004 | runs-05401-05500/05485 | runs-09101-09200/09139 | runs-01801-01900/01831 | runs-03601-03700/03658 | runs-07301-07400/07312 |
| p05.pddl | runs-00001-00100/00005 | runs-05401-05500/05486 | runs-09101-09200/09140 | runs-01801-01900/01832 | runs-03601-03700/03659 | runs-07301-07400/07313 |
| p06.pddl | runs-00001-00100/00006 | runs-05401-05500/05487 | runs-09101-09200/09141 | runs-01801-01900/01833 | runs-03601-03700/03660 | runs-07301-07400/07314 |
| p07.pddl | runs-00001-00100/00007 | runs-05401-05500/05488 | runs-09101-09200/09142 | runs-01801-01900/01834 | runs-03601-03700/03661 | runs-07301-07400/07315 |
| p08.pddl | runs-00001-00100/00008 | runs-05401-05500/05489 | runs-09101-09200/09143 | runs-01801-01900/01835 | runs-03601-03700/03662 | runs-07301-07400/07316 |
| p09.pddl | runs-00001-00100/00009 | runs-05401-05500/05490 | runs-09101-09200/09144 | runs-01801-01900/01836 | runs-03601-03700/03663 | runs-07301-07400/07317 |
| p10.pddl | runs-00001-00100/00010 | runs-05401-05500/05491 | runs-09101-09200/09145 | runs-01801-01900/01837 | runs-03601-03700/03664 | runs-07301-07400/07318 |
| p11.pddl | runs-00001-00100/00011 | runs-05401-05500/05492 | runs-09101-09200/09146 | runs-01801-01900/01838 | runs-03601-03700/03665 | runs-07301-07400/07319 |
| p12.pddl | runs-00001-00100/00012 | runs-05401-05500/05493 | runs-09101-09200/09147 | runs-01801-01900/01839 | runs-03601-03700/03666 | runs-07301-07400/07320 |
| p13.pddl | runs-00001-00100/00013 | runs-05401-05500/05494 | runs-09101-09200/09148 | runs-01801-01900/01840 | runs-03601-03700/03667 | runs-07301-07400/07321 |
| p14.pddl | runs-00001-00100/00014 | runs-05401-05500/05495 | runs-09101-09200/09149 | runs-01801-01900/01841 | runs-03601-03700/03668 | runs-07301-07400/07322 |
| p15.pddl | runs-00001-00100/00015 | runs-05401-05500/05496 | runs-09101-09200/09150 | runs-01801-01900/01842 | runs-03601-03700/03669 | runs-07301-07400/07323 |
| p16.pddl | runs-00001-00100/00016 | runs-05401-05500/05497 | runs-09101-09200/09151 | runs-01801-01900/01843 | runs-03601-03700/03670 | runs-07301-07400/07324 |
| p17.pddl | runs-00001-00100/00017 | runs-05401-05500/05498 | runs-09101-09200/09152 | runs-01801-01900/01844 | runs-03601-03700/03671 | runs-07301-07400/07325 |
| p18.pddl | runs-00001-00100/00018 | runs-05401-05500/05499 | runs-09101-09200/09153 | runs-01801-01900/01845 | runs-03601-03700/03672 | runs-07301-07400/07326 |
| p19.pddl | runs-00001-00100/00019 | runs-05401-05500/05500 | runs-09101-09200/09154 | runs-01801-01900/01846 | runs-03601-03700/03673 | runs-07301-07400/07327 |
| p20.pddl | runs-00001-00100/00020 | runs-05501-05600/05501 | runs-09101-09200/09155 | runs-01801-01900/01847 | runs-03601-03700/03674 | runs-07301-07400/07328 |

airport

| Run dir                      | default                | marked                 | naive                  | psvn                   | psvn_split             |                        |
|------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| p01-airport1-p1.pddl         | runs-00001-00100/00021 | runs-05501-05600/05502 | runs-09101-09200/09156 | runs-01801-01900/01848 | runs-03601-03700/03675 | runs-07301-07400/07356 |
| p02-airport1-p1.pddl         | runs-00001-00100/00022 | runs-05501-05600/05503 | runs-09101-09200/09157 | runs-01801-01900/01849 | runs-03601-03700/03676 | runs-07301-07400/07357 |
| p03-airport1-p2.pddl         | runs-00001-00100/00023 | runs-05501-05600/05504 | runs-09101-09200/09158 | runs-01801-01900/01850 | runs-03601-03700/03677 | runs-07301-07400/07358 |
| p04-airport2-p1.pddl         | runs-00001-00100/00024 | runs-05501-05600/05505 | runs-09101-09200/09159 | runs-01801-01900/01851 | runs-03601-03700/03678 | runs-07301-07400/07359 |
| p05-airport2-p1.pddl         | runs-00001-00100/00025 | runs-05501-05600/05506 | runs-09101-09200/09160 | runs-01801-01900/01852 | runs-03601-03700/03679 | runs-07301-07400/07360 |
| p06-airport2-p2.pddl         | runs-00001-00100/00026 | runs-05501-05600/05507 | runs-09101-09200/09161 | runs-01801-01900/01853 | runs-03601-03700/03680 | runs-07301-07400/07361 |
| p07-airport2-p2.pddl         | runs-00001-00100/00027 | runs-05501-05600/05508 | runs-09101-09200/09162 | runs-01801-01900/01854 | runs-03601-03700/03681 | runs-07301-07400/07362 |
| p08-airport2-p3.pddl         | runs-00001-00100/00028 | runs-05501-05600/05509 | runs-09101-09200/09163 | runs-01801-01900/01855 | runs-03601-03700/03682 | runs-07301-07400/07363 |
| p09-airport2-p4.pddl         | runs-00001-00100/00029 | runs-05501-05600/05510 | runs-09101-09200/09164 | runs-01801-01900/01856 | runs-03601-03700/03683 | runs-07301-07400/07364 |
| p10-airport3-p1.pddl         | runs-00001-00100/00030 | runs-05501-05600/05511 | runs-09101-09200/09165 | runs-01801-01900/01857 | runs-03601-03700/03684 | runs-07301-07400/07365 |
| p11-airport3-p1.pddl         | runs-00001-00100/00031 | runs-05501-05600/05512 | runs-09101-09200/09166 | runs-01801-01900/01858 | runs-03601-03700/03685 | runs-07301-07400/07366 |
| p12-airport3-p2.pddl         | runs-00001-00100/00032 | runs-05501-05600/05513 | runs-09101-09200/09167 | runs-01801-01900/01859 | runs-03601-03700/03686 | runs-07301-07400/07367 |
| p13-airport3-p2.pddl         | runs-00001-00100/00033 | runs-05501-05600/05514 | runs-09101-09200/09168 | runs-01801-01900/01860 | runs-03601-03700/03687 | runs-07301-07400/07368 |
| p14-airport3-p3.pddl         | runs-00001-00100/00034 | runs-05501-05600/05515 | runs-09101-09200/09169 | runs-01801-01900/01861 | runs-03601-03700/03688 | runs-07301-07400/07369 |
| p15-airport3-p3.pddl         | runs-00001-00100/00035 | runs-05501-05600/05516 | runs-09101-09200/09170 | runs-01801-01900/01862 | runs-03601-03700/03689 | runs-07301-07400/07370 |
| p16-airport3-p4.pddl         | runs-00001-00100/00036 | runs-05501-05600/05517 | runs-09101-09200/09171 | runs-01801-01900/01863 | runs-03601-03700/03690 | runs-07301-07400/07371 |
| p17-airport3-p5.pddl         | runs-00001-00100/00037 | runs-05501-05600/05518 | runs-09101-09200/09172 | runs-01801-01900/01864 | runs-03601-03700/03691 | runs-07301-07400/07372 |
| p18-airport3-p6.pddl         | runs-00001-00100/00038 | runs-05501-05600/05519 | runs-09101-09200/09173 | runs-01801-01900/01865 | runs-03601-03700/03692 | runs-07301-07400/07373 |
| p19-airport3-p6.pddl         | runs-00001-00100/00039 | runs-05501-05600/05520 | runs-09101-09200/09174 | runs-01801-01900/01866 | runs-03601-03700/03693 | runs-07301-07400/07374 |
| p20-airport3-p7.pddl         | runs-00001-00100/00040 | runs-05501-05600/05521 | runs-09101-09200/09175 | runs-01801-01900/01867 | runs-03601-03700/03694 | runs-07301-07400/07375 |
| p21-airport4halfMUC-p2.pddl  | runs-00001-00100/00041 | runs-05501-05600/05522 | runs-09101-09200/09176 | runs-01801-01900/01868 | runs-03601-03700/03695 | runs-07301-07400/07376 |
| p22-airport4halfMUC-p3.pddl  | runs-00001-00100/00042 | runs-05501-05600/05523 | runs-09101-09200/09177 | runs-01801-01900/01869 | runs-03601-03700/03696 | runs-07301-07400/07377 |
| p23-airport4halfMUC-p4.pddl  | runs-00001-00100/00043 | runs-05501-05600/05524 | runs-09101-09200/09178 | runs-01801-01900/01870 | runs-03601-03700/03697 | runs-07301-07400/07378 |
| p24-airport4halfMUC-p4.pddl  | runs-00001-00100/00044 | runs-05501-05600/05525 | runs-09101-09200/09179 | runs-01801-01900/01871 | runs-03601-03700/03698 | runs-07301-07400/07379 |
| p25-airport4halfMUC-p5.pddl  | runs-00001-00100/00045 | runs-05501-05600/05526 | runs-09101-09200/09180 | runs-01801-01900/01872 | runs-03601-03700/03699 | runs-07301-07400/07380 |
| p26-airport4halfMUC-p6.pddl  | runs-00001-00100/00046 | runs-05501-05600/05527 | runs-09101-09200/09181 | runs-01801-01900/01873 | runs-03601-03700/03700 | runs-07301-07400/07381 |
| p27-airport4halfMUC-p6.pddl  | runs-00001-00100/00047 | runs-05501-05600/05528 | runs-09101-09200/09182 | runs-01801-01900/01874 | runs-03701-03800/03701 | runs-07301-07400/07382 |
| p28-airport4halfMUC-p7.pddl  | runs-00001-00100/00048 | runs-05501-05600/05529 | runs-09101-09200/09183 | runs-01801-01900/01875 | runs-03701-03800/03702 | runs-07301-07400/07383 |
| p29-airport4halfMUC-p8.pddl  | runs-00001-00100/00049 | runs-05501-05600/05530 | runs-09101-09200/09184 | runs-01801-01900/01876 | runs-03701-03800/03703 | runs-07301-07400/07384 |
| p30-airport4halfMUC-p8.pddl  | runs-00001-00100/00050 | runs-05501-05600/05531 | runs-09101-09200/09185 | runs-01801-01900/01877 | runs-03701-03800/03704 | runs-07301-07400/07385 |
| p31-airport4halfMUC-p9.pddl  | runs-00001-00100/00051 | runs-05501-05600/05532 | runs-09101-09200/09186 | runs-01801-01900/01878 | runs-03701-03800/03705 | runs-07301-07400/07386 |
| p32-airport4halfMUC-p10.pddl | runs-00001-00100/00052 | runs-05501-05600/05533 | runs-09101-09200/09187 | runs-01801-01900/01879 | runs-03701-03800/03706 | runs-07301-07400/07387 |
| p33-airport4halfMUC-p10.pddl | runs-00001-00100/00053 | runs-05501-05600/05534 | runs-09101-09200/09188 | runs-01801-01900/01880 | runs-03701-03800/03707 | runs-07301-07400/07388 |
| p34-airport4halfMUC-p11.pddl | runs-00001-00100/00054 | runs-05501-05600/05535 | runs-09101-09200/09189 | runs-01801-01900/01881 | runs-03701-03800/03708 | runs-07301-07400/07389 |
| p35-airport4halfMUC-p12.pddl | runs-00001-00100/00055 | runs-05501-05600/05536 | runs-09101-09200/09190 | runs-01801-01900/01882 | runs-03701-03800/03709 | runs-07301-07400/07390 |
| p36-airport5MUC-p2.pddl      | runs-00001-00100/00056 | runs-05501-05600/05537 | runs-09101-09200/09191 | runs-01801-01900/01883 | runs-03701-03800/03710 | runs-07301-07400/07391 |
| p37-airport5MUC-p3.pddl      | runs-00001-00100/00057 | runs-05501-05600/05538 | runs-09101-09200/09192 | runs-01801-01900/01884 | runs-03701-03800/03711 | runs-07301-07400/07392 |
| p38-airport5MUC-p3.pddl      | runs-00001-00100/00058 | runs-05501-05600/05539 | runs-09101-09200/09193 | runs-01801-01900/01885 | runs-03701-03800/03712 | runs-07301-07400/07393 |
| p39-airport5MUC-p4.pddl      | runs-00001-00100/00059 | runs-05501-05600/05540 | runs-09101-09200/09194 | runs-01801-01900/01886 | runs-03701-03800/03713 | runs-07301-07400/07394 |
| p40-airport5MUC-p4.pddl      | runs-00001-00100/00060 | runs-05501-05600/05541 | runs-09101-09200/09195 | runs-01801-01900/01887 | runs-03701-03800/03714 | runs-07301-07400/07395 |
| p41-airport5MUC-p4.pddl      | runs-00001-00100/00061 | runs-05501-05600/05542 | runs-09101-09200/09196 | runs-01801-01900/01888 | runs-03701-03800/03715 | runs-07301-07400/07396 |
| p42-airport5MUC-p5.pddl      | runs-00001-00100/00062 | runs-05501-05600/05543 | runs-09101-09200/09197 | runs-01801-01900/01889 | runs-03701-03800/03716 | runs-07301-07400/07397 |
| p43-airport5MUC-p5.pddl      | runs-00001-00100/00063 | runs-05501-05600/05544 | runs-09101-09200/09198 | runs-01801-01900/01890 | runs-03701-03800/03717 | runs-07301-07400/07398 |





blocks

| Run dir              | default                | marked                 | naive                  | psvn                   | psvn_split             | watc                 |
|----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|----------------------|
| probBLOCKS-4-0.pddl  | runs-00101-00200/00105 | runs-05501-05600/05586 | runs-09201-09300/09240 | runs-01901-02000/01932 | runs-03701-03800/03759 | runs-07401-07500/074 |
| probBLOCKS-4-1.pddl  | runs-00101-00200/00106 | runs-05501-05600/05587 | runs-09201-09300/09241 | runs-01901-02000/01933 | runs-03701-03800/03760 | runs-07401-07500/074 |
| probBLOCKS-4-2.pddl  | runs-00101-00200/00107 | runs-05501-05600/05588 | runs-09201-09300/09242 | runs-01901-02000/01934 | runs-03701-03800/03761 | runs-07401-07500/074 |
| probBLOCKS-5-0.pddl  | runs-00101-00200/00108 | runs-05501-05600/05589 | runs-09201-09300/09243 | runs-01901-02000/01935 | runs-03701-03800/03762 | runs-07401-07500/074 |
| probBLOCKS-5-1.pddl  | runs-00101-00200/00109 | runs-05501-05600/05590 | runs-09201-09300/09244 | runs-01901-02000/01936 | runs-03701-03800/03763 | runs-07401-07500/074 |
| probBLOCKS-5-2.pddl  | runs-00101-00200/00110 | runs-05501-05600/05591 | runs-09201-09300/09245 | runs-01901-02000/01937 | runs-03701-03800/03764 | runs-07401-07500/074 |
| probBLOCKS-6-0.pddl  | runs-00101-00200/00111 | runs-05501-05600/05592 | runs-09201-09300/09246 | runs-01901-02000/01938 | runs-03701-03800/03765 | runs-07401-07500/074 |
| probBLOCKS-6-1.pddl  | runs-00101-00200/00112 | runs-05501-05600/05593 | runs-09201-09300/09247 | runs-01901-02000/01939 | runs-03701-03800/03766 | runs-07401-07500/074 |
| probBLOCKS-6-2.pddl  | runs-00101-00200/00113 | runs-05501-05600/05594 | runs-09201-09300/09248 | runs-01901-02000/01940 | runs-03701-03800/03767 | runs-07401-07500/074 |
| probBLOCKS-7-0.pddl  | runs-00101-00200/00114 | runs-05501-05600/05595 | runs-09201-09300/09249 | runs-01901-02000/01941 | runs-03701-03800/03768 | runs-07401-07500/074 |
| probBLOCKS-7-1.pddl  | runs-00101-00200/00115 | runs-05501-05600/05596 | runs-09201-09300/09250 | runs-01901-02000/01942 | runs-03701-03800/03769 | runs-07401-07500/074 |
| probBLOCKS-7-2.pddl  | runs-00101-00200/00116 | runs-05501-05600/05597 | runs-09201-09300/09251 | runs-01901-02000/01943 | runs-03701-03800/03770 | runs-07401-07500/074 |
| probBLOCKS-8-0.pddl  | runs-00101-00200/00117 | runs-05501-05600/05598 | runs-09201-09300/09252 | runs-01901-02000/01944 | runs-03701-03800/03771 | runs-07401-07500/074 |
| probBLOCKS-8-1.pddl  | runs-00101-00200/00118 | runs-05501-05600/05599 | runs-09201-09300/09253 | runs-01901-02000/01945 | runs-03701-03800/03772 | runs-07401-07500/074 |
| probBLOCKS-8-2.pddl  | runs-00101-00200/00119 | runs-05501-05600/05600 | runs-09201-09300/09254 | runs-01901-02000/01946 | runs-03701-03800/03773 | runs-07401-07500/074 |
| probBLOCKS-9-0.pddl  | runs-00101-00200/00120 | runs-05601-05700/05601 | runs-09201-09300/09255 | runs-01901-02000/01947 | runs-03701-03800/03774 | runs-07401-07500/074 |
| probBLOCKS-9-1.pddl  | runs-00101-00200/00121 | runs-05601-05700/05602 | runs-09201-09300/09256 | runs-01901-02000/01948 | runs-03701-03800/03775 | runs-07401-07500/074 |
| probBLOCKS-9-2.pddl  | runs-00101-00200/00122 | runs-05601-05700/05603 | runs-09201-09300/09257 | runs-01901-02000/01949 | runs-03701-03800/03776 | runs-07401-07500/074 |
| probBLOCKS-10-0.pddl | runs-00101-00200/00123 | runs-05601-05700/05604 | runs-09201-09300/09258 | runs-01901-02000/01950 | runs-03701-03800/03777 | runs-07401-07500/074 |
| probBLOCKS-10-1.pddl | runs-00101-00200/00124 | runs-05601-05700/05605 | runs-09201-09300/09259 | runs-01901-02000/01951 | runs-03701-03800/03778 | runs-07401-07500/074 |
| probBLOCKS-10-2.pddl | runs-00101-00200/00125 | runs-05601-05700/05606 | runs-09201-09300/09260 | runs-01901-02000/01952 | runs-03701-03800/03779 | runs-07401-07500/074 |
| probBLOCKS-11-0.pddl | runs-00101-00200/00126 | runs-05601-05700/05607 | runs-09201-09300/09261 | runs-01901-02000/01953 | runs-03701-03800/03780 | runs-07401-07500/074 |
| probBLOCKS-11-1.pddl | runs-00101-00200/00127 | runs-05601-05700/05608 | runs-09201-09300/09262 | runs-01901-02000/01954 | runs-03701-03800/03781 | runs-07401-07500/074 |
| probBLOCKS-11-2.pddl | runs-00101-00200/00128 | runs-05601-05700/05609 | runs-09201-09300/09263 | runs-01901-02000/01955 | runs-03701-03800/03782 | runs-07401-07500/074 |
| probBLOCKS-12-0.pddl | runs-00101-00200/00129 | runs-05601-05700/05610 | runs-09201-09300/09264 | runs-01901-02000/01956 | runs-03701-03800/03783 | runs-07401-07500/074 |
| probBLOCKS-12-1.pddl | runs-00101-00200/00130 | runs-05601-05700/05611 | runs-09201-09300/09265 | runs-01901-02000/01957 | runs-03701-03800/03784 | runs-07401-07500/074 |
| probBLOCKS-13-0.pddl | runs-00101-00200/00131 | runs-05601-05700/05612 | runs-09201-09300/09266 | runs-01901-02000/01958 | runs-03701-03800/03785 | runs-07401-07500/074 |
| probBLOCKS-13-1.pddl | runs-00101-00200/00132 | runs-05601-05700/05613 | runs-09201-09300/09267 | runs-01901-02000/01959 | runs-03701-03800/03786 | runs-07401-07500/074 |
| probBLOCKS-14-0.pddl | runs-00101-00200/00133 | runs-05601-05700/05614 | runs-09201-09300/09268 | runs-01901-02000/01960 | runs-03701-03800/03787 | runs-07401-07500/074 |
| probBLOCKS-14-1.pddl | runs-00101-00200/00134 | runs-05601-05700/05615 | runs-09201-09300/09269 | runs-01901-02000/01961 | runs-03701-03800/03788 | runs-07401-07500/074 |
| probBLOCKS-15-0.pddl | runs-00101-00200/00135 | runs-05601-05700/05616 | runs-09201-09300/09270 | runs-01901-02000/01962 | runs-03701-03800/03789 | runs-07401-07500/074 |
| probBLOCKS-15-1.pddl | runs-00101-00200/00136 | runs-05601-05700/05617 | runs-09201-09300/09271 | runs-01901-02000/01963 | runs-03701-03800/03790 | runs-07401-07500/074 |
| probBLOCKS-16-1.pddl | runs-00101-00200/00137 | runs-05601-05700/05618 | runs-09201-09300/09272 | runs-01901-02000/01964 | runs-03701-03800/03791 | runs-07401-07500/074 |
| probBLOCKS-16-2.pddl | runs-00101-00200/00138 | runs-05601-05700/05619 | runs-09201-09300/09273 | runs-01901-02000/01965 | runs-03701-03800/03792 | runs-07401-07500/074 |
| probBLOCKS-17-0.pddl | runs-00101-00200/00139 | runs-05601-05700/05620 | runs-09201-09300/09274 | runs-01901-02000/01966 | runs-03701-03800/03793 | runs-07401-07500/074 |

## childsnack-opt14-strips

| Run dir                    | default                | marked                 | naive                  | psvn                   | psvn_split             | wat                    |
|----------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| child-snack_pfile01-2.pddl | runs-00101-00200/00140 | runs-05601-05700/05621 | runs-09201-09300/09275 | runs-01901-02000/01967 | runs-03701-03800/03794 | runs-07401-07500/07491 |
| child-snack_pfile01.pddl   | runs-00101-00200/00141 | runs-05601-05700/05622 | runs-09201-09300/09276 | runs-01901-02000/01968 | runs-03701-03800/03795 | runs-07401-07500/07492 |
| child-snack_pfile02-2.pddl | runs-00101-00200/00142 | runs-05601-05700/05623 | runs-09201-09300/09277 | runs-01901-02000/01969 | runs-03701-03800/03796 | runs-07401-07500/07493 |
| child-snack_pfile02.pddl   | runs-00101-00200/00143 | runs-05601-05700/05624 | runs-09201-09300/09278 | runs-01901-02000/01970 | runs-03701-03800/03797 | runs-07401-07500/07494 |
| child-snack_pfile03-2.pddl | runs-00101-00200/00144 | runs-05601-05700/05625 | runs-09201-09300/09279 | runs-01901-02000/01971 | runs-03701-03800/03798 | runs-07401-07500/07495 |
| child-snack_pfile03.pddl   | runs-00101-00200/00145 | runs-05601-05700/05626 | runs-09201-09300/09280 | runs-01901-02000/01972 | runs-03701-03800/03799 | runs-07401-07500/07496 |
| child-snack_pfile04-2.pddl | runs-00101-00200/00146 | runs-05601-05700/05627 | runs-09201-09300/09281 | runs-01901-02000/01973 | runs-03701-03800/03800 | runs-07401-07500/07497 |
| child-snack_pfile04.pddl   | runs-00101-00200/00147 | runs-05601-05700/05628 | runs-09201-09300/09282 | runs-01901-02000/01974 | runs-03801-03900/03801 | runs-07401-07500/07498 |
| child-snack_pfile05-2.pddl | runs-00101-00200/00148 | runs-05601-05700/05629 | runs-09201-09300/09283 | runs-01901-02000/01975 | runs-03801-03900/03802 | runs-07401-07500/07499 |
| child-snack_pfile05.pddl   | runs-00101-00200/00149 | runs-05601-05700/05630 | runs-09201-09300/09284 | runs-01901-02000/01976 | runs-03801-03900/03803 | runs-07401-07500/07500 |
| child-snack_pfile06-2.pddl | runs-00101-00200/00150 | runs-05601-05700/05631 | runs-09201-09300/09285 | runs-01901-02000/01977 | runs-03801-03900/03804 | runs-07401-07500/07501 |
| child-snack_pfile06.pddl   | runs-00101-00200/00151 | runs-05601-05700/05632 | runs-09201-09300/09286 | runs-01901-02000/01978 | runs-03801-03900/03805 | runs-07401-07500/07502 |
| child-snack_pfile07-2.pddl | runs-00101-00200/00152 | runs-05601-05700/05633 | runs-09201-09300/09287 | runs-01901-02000/01979 | runs-03801-03900/03806 | runs-07401-07500/07503 |
| child-snack_pfile07.pddl   | runs-00101-00200/00153 | runs-05601-05700/05634 | runs-09201-09300/09288 | runs-01901-02000/01980 | runs-03801-03900/03807 | runs-07401-07500/07504 |
| child-snack_pfile08-2.pddl | runs-00101-00200/00154 | runs-05601-05700/05635 | runs-09201-09300/09289 | runs-01901-02000/01981 | runs-03801-03900/03808 | runs-07401-07500/07505 |
| child-snack_pfile08.pddl   | runs-00101-00200/00155 | runs-05601-05700/05636 | runs-09201-09300/09290 | runs-01901-02000/01982 | runs-03801-03900/03809 | runs-07401-07500/07506 |
| child-snack_pfile09-2.pddl | runs-00101-00200/00156 | runs-05601-05700/05637 | runs-09201-09300/09291 | runs-01901-02000/01983 | runs-03801-03900/03810 | runs-07401-07500/07507 |
| child-snack_pfile09.pddl   | runs-00101-00200/00157 | runs-05601-05700/05638 | runs-09201-09300/09292 | runs-01901-02000/01984 | runs-03801-03900/03811 | runs-07401-07500/07508 |
| child-snack_pfile10-2.pddl | runs-00101-00200/00158 | runs-05601-05700/05639 | runs-09201-09300/09293 | runs-01901-02000/01985 | runs-03801-03900/03812 | runs-07401-07500/07509 |
| child-snack_pfile10.pddl   | runs-00101-00200/00159 | runs-05601-05700/05640 | runs-09201-09300/09294 | runs-01901-02000/01986 | runs-03801-03900/03813 | runs-07401-07500/07510 |

## data-network-opt18-strips

| Run dir  | default                | marked                 | naive                  | psvn                   | psvn_split             | watched                |
|----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| p01.pddl | runs-00101-00200/00160 | runs-05601-05700/05641 | runs-09201-09300/09295 | runs-01901-02000/01987 | runs-03801-03900/03814 | runs-07401-07500/07468 |
| p02.pddl | runs-00101-00200/00161 | runs-05601-05700/05642 | runs-09201-09300/09296 | runs-01901-02000/01988 | runs-03801-03900/03815 | runs-07401-07500/07469 |
| p03.pddl | runs-00101-00200/00162 | runs-05601-05700/05643 | runs-09201-09300/09297 | runs-01901-02000/01989 | runs-03801-03900/03816 | runs-07401-07500/07470 |
| p04.pddl | runs-00101-00200/00163 | runs-05601-05700/05644 | runs-09201-09300/09298 | runs-01901-02000/01990 | runs-03801-03900/03817 | runs-07401-07500/07471 |
| p05.pddl | runs-00101-00200/00164 | runs-05601-05700/05645 | runs-09201-09300/09299 | runs-01901-02000/01991 | runs-03801-03900/03818 | runs-07401-07500/07472 |
| p06.pddl | runs-00101-00200/00165 | runs-05601-05700/05646 | runs-09201-09300/09300 | runs-01901-02000/01992 | runs-03801-03900/03819 | runs-07401-07500/07473 |
| p07.pddl | runs-00101-00200/00166 | runs-05601-05700/05647 | runs-09301-09400/09301 | runs-01901-02000/01993 | runs-03801-03900/03820 | runs-07401-07500/07474 |
| p08.pddl | runs-00101-00200/00167 | runs-05601-05700/05648 | runs-09301-09400/09302 | runs-01901-02000/01994 | runs-03801-03900/03821 | runs-07401-07500/07475 |
| p09.pddl | runs-00101-00200/00168 | runs-05601-05700/05649 | runs-09301-09400/09303 | runs-01901-02000/01995 | runs-03801-03900/03822 | runs-07401-07500/07476 |
| p10.pddl | runs-00101-00200/00169 | runs-05601-05700/05650 | runs-09301-09400/09304 | runs-01901-02000/01996 | runs-03801-03900/03823 | runs-07401-07500/07477 |
| p11.pddl | runs-00101-00200/00170 | runs-05601-05700/05651 | runs-09301-09400/09305 | runs-01901-02000/01997 | runs-03801-03900/03824 | runs-07401-07500/07478 |
| p12.pddl | runs-00101-00200/00171 | runs-05601-05700/05652 | runs-09301-09400/09306 | runs-01901-02000/01998 | runs-03801-03900/03825 | runs-07401-07500/07479 |
| p13.pddl | runs-00101-00200/00172 | runs-05601-05700/05653 | runs-09301-09400/09307 | runs-01901-02000/01999 | runs-03801-03900/03826 | runs-07401-07500/07480 |
| p14.pddl | runs-00101-00200/00173 | runs-05601-05700/05654 | runs-09301-09400/09308 | runs-01901-02000/02000 | runs-03801-03900/03827 | runs-07401-07500/07481 |
| p15.pddl | runs-00101-00200/00174 | runs-05601-05700/05655 | runs-09301-09400/09309 | runs-02001-02100/02001 | runs-03801-03900/03828 | runs-07401-07500/07482 |
| p16.pddl | runs-00101-00200/00175 | runs-05601-05700/05656 | runs-09301-09400/09310 | runs-02001-02100/02002 | runs-03801-03900/03829 | runs-07401-07500/07483 |
| p17.pddl | runs-00101-00200/00176 | runs-05601-05700/05657 | runs-09301-09400/09311 | runs-02001-02100/02003 | runs-03801-03900/03830 | runs-07401-07500/07484 |
| p18.pddl | runs-00101-00200/00177 | runs-05601-05700/05658 | runs-09301-09400/09312 | runs-02001-02100/02004 | runs-03801-03900/03831 | runs-07401-07500/07485 |
| p19.pddl | runs-00101-00200/00178 | runs-05601-05700/05659 | runs-09301-09400/09313 | runs-02001-02100/02005 | runs-03801-03900/03832 | runs-07401-07500/07486 |
| p20.pddl | runs-00101-00200/00179 | runs-05601-05700/05660 | runs-09301-09400/09314 | runs-02001-02100/02006 | runs-03801-03900/03833 | runs-07401-07500/07487 |

# depot

| Run dir  | default                | marked                 | naive                  | psvn                   | psvn_split             | watched                |
|----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| p01.pddl | runs-00101-00200/00180 | runs-05601-05700/05661 | runs-09301-09400/09315 | runs-02001-02100/02007 | runs-03801-03900/03834 | runs-07401-07500/07488 |
| p02.pddl | runs-00101-00200/00181 | runs-05601-05700/05662 | runs-09301-09400/09316 | runs-02001-02100/02008 | runs-03801-03900/03835 | runs-07401-07500/07489 |
| p03.pddl | runs-00101-00200/00182 | runs-05601-05700/05663 | runs-09301-09400/09317 | runs-02001-02100/02009 | runs-03801-03900/03836 | runs-07401-07500/07490 |
| p04.pddl | runs-00101-00200/00183 | runs-05601-05700/05664 | runs-09301-09400/09318 | runs-02001-02100/02010 | runs-03801-03900/03837 | runs-07401-07500/07491 |
| p05.pddl | runs-00101-00200/00184 | runs-05601-05700/05665 | runs-09301-09400/09319 | runs-02001-02100/02011 | runs-03801-03900/03838 | runs-07401-07500/07492 |
| p06.pddl | runs-00101-00200/00185 | runs-05601-05700/05666 | runs-09301-09400/09320 | runs-02001-02100/02012 | runs-03801-03900/03839 | runs-07401-07500/07493 |
| p07.pddl | runs-00101-00200/00186 | runs-05601-05700/05667 | runs-09301-09400/09321 | runs-02001-02100/02013 | runs-03801-03900/03840 | runs-07401-07500/07494 |
| p08.pddl | runs-00101-00200/00187 | runs-05601-05700/05668 | runs-09301-09400/09322 | runs-02001-02100/02014 | runs-03801-03900/03841 | runs-07401-07500/07495 |
| p09.pddl | runs-00101-00200/00188 | runs-05601-05700/05669 | runs-09301-09400/09323 | runs-02001-02100/02015 | runs-03801-03900/03842 | runs-07401-07500/07496 |
| p10.pddl | runs-00101-00200/00189 | runs-05601-05700/05670 | runs-09301-09400/09324 | runs-02001-02100/02016 | runs-03801-03900/03843 | runs-07401-07500/07497 |
| p11.pddl | runs-00101-00200/00190 | runs-05601-05700/05671 | runs-09301-09400/09325 | runs-02001-02100/02017 | runs-03801-03900/03844 | runs-07401-07500/07498 |
| p12.pddl | runs-00101-00200/00191 | runs-05601-05700/05672 | runs-09301-09400/09326 | runs-02001-02100/02018 | runs-03801-03900/03845 | runs-07401-07500/07499 |
| p13.pddl | runs-00101-00200/00192 | runs-05601-05700/05673 | runs-09301-09400/09327 | runs-02001-02100/02019 | runs-03801-03900/03846 | runs-07401-07500/07500 |
| p14.pddl | runs-00101-00200/00193 | runs-05601-05700/05674 | runs-09301-09400/09328 | runs-02001-02100/02020 | runs-03801-03900/03847 | runs-07501-07600/07501 |
| p15.pddl | runs-00101-00200/00194 | runs-05601-05700/05675 | runs-09301-09400/09329 | runs-02001-02100/02021 | runs-03801-03900/03848 | runs-07501-07600/07502 |
| p16.pddl | runs-00101-00200/00195 | runs-05601-05700/05676 | runs-09301-09400/09330 | runs-02001-02100/02022 | runs-03801-03900/03849 | runs-07501-07600/07503 |
| p17.pddl | runs-00101-00200/00196 | runs-05601-05700/05677 | runs-09301-09400/09331 | runs-02001-02100/02023 | runs-03801-03900/03850 | runs-07501-07600/07504 |
| p18.pddl | runs-00101-00200/00197 | runs-05601-05700/05678 | runs-09301-09400/09332 | runs-02001-02100/02024 | runs-03801-03900/03851 | runs-07501-07600/07505 |
| p19.pddl | runs-00101-00200/00198 | runs-05601-05700/05679 | runs-09301-09400/09333 | runs-02001-02100/02025 | runs-03801-03900/03852 | runs-07501-07600/07506 |
| p20.pddl | runs-00101-00200/00199 | runs-05601-05700/05680 | runs-09301-09400/09334 | runs-02001-02100/02026 | runs-03801-03900/03853 | runs-07501-07600/07507 |
| p21.pddl | runs-00101-00200/00200 | runs-05601-05700/05681 | runs-09301-09400/09335 | runs-02001-02100/02027 | runs-03801-03900/03854 | runs-07501-07600/07508 |
| p22.pddl | runs-00201-00300/00201 | runs-05601-05700/05682 | runs-09301-09400/09336 | runs-02001-02100/02028 | runs-03801-03900/03855 | runs-07501-07600/07509 |

## driverlog

| Run dir  | default                | marked                 | naive                  | psvn                   | psvn_split             | watched                |
|----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| p01.pddl | runs-00201-00300/00202 | runs-05601-05700/05683 | runs-09301-09400/09337 | runs-02001-02100/02029 | runs-03801-03900/03856 | runs-07501-07600/07510 |
| p02.pddl | runs-00201-00300/00203 | runs-05601-05700/05684 | runs-09301-09400/09338 | runs-02001-02100/02030 | runs-03801-03900/03857 | runs-07501-07600/07511 |
| p03.pddl | runs-00201-00300/00204 | runs-05601-05700/05685 | runs-09301-09400/09339 | runs-02001-02100/02031 | runs-03801-03900/03858 | runs-07501-07600/07512 |
| p04.pddl | runs-00201-00300/00205 | runs-05601-05700/05686 | runs-09301-09400/09340 | runs-02001-02100/02032 | runs-03801-03900/03859 | runs-07501-07600/07513 |
| p05.pddl | runs-00201-00300/00206 | runs-05601-05700/05687 | runs-09301-09400/09341 | runs-02001-02100/02033 | runs-03801-03900/03860 | runs-07501-07600/07514 |
| p06.pddl | runs-00201-00300/00207 | runs-05601-05700/05688 | runs-09301-09400/09342 | runs-02001-02100/02034 | runs-03801-03900/03861 | runs-07501-07600/07515 |
| p07.pddl | runs-00201-00300/00208 | runs-05601-05700/05689 | runs-09301-09400/09343 | runs-02001-02100/02035 | runs-03801-03900/03862 | runs-07501-07600/07516 |
| p08.pddl | runs-00201-00300/00209 | runs-05601-05700/05690 | runs-09301-09400/09344 | runs-02001-02100/02036 | runs-03801-03900/03863 | runs-07501-07600/07517 |
| p09.pddl | runs-00201-00300/00210 | runs-05601-05700/05691 | runs-09301-09400/09345 | runs-02001-02100/02037 | runs-03801-03900/03864 | runs-07501-07600/07518 |
| p10.pddl | runs-00201-00300/00211 | runs-05601-05700/05692 | runs-09301-09400/09346 | runs-02001-02100/02038 | runs-03801-03900/03865 | runs-07501-07600/07519 |
| p11.pddl | runs-00201-00300/00212 | runs-05601-05700/05693 | runs-09301-09400/09347 | runs-02001-02100/02039 | runs-03801-03900/03866 | runs-07501-07600/07520 |
| p12.pddl | runs-00201-00300/00213 | runs-05601-05700/05694 | runs-09301-09400/09348 | runs-02001-02100/02040 | runs-03801-03900/03867 | runs-07501-07600/07521 |
| p13.pddl | runs-00201-00300/00214 | runs-05601-05700/05695 | runs-09301-09400/09349 | runs-02001-02100/02041 | runs-03801-03900/03868 | runs-07501-07600/07522 |
| p14.pddl | runs-00201-00300/00215 | runs-05601-05700/05696 | runs-09301-09400/09350 | runs-02001-02100/02042 | runs-03801-03900/03869 | runs-07501-07600/07523 |
| p15.pddl | runs-00201-00300/00216 | runs-05601-05700/05697 | runs-09301-09400/09351 | runs-02001-02100/02043 | runs-03801-03900/03870 | runs-07501-07600/07524 |
| p16.pddl | runs-00201-00300/00217 | runs-05601-05700/05698 | runs-09301-09400/09352 | runs-02001-02100/02044 | runs-03801-03900/03871 | runs-07501-07600/07525 |
| p17.pddl | runs-00201-00300/00218 | runs-05601-05700/05699 | runs-09301-09400/09353 | runs-02001-02100/02045 | runs-03801-03900/03872 | runs-07501-07600/07526 |
| p18.pddl | runs-00201-00300/00219 | runs-05601-05700/05700 | runs-09301-09400/09354 | runs-02001-02100/02046 | runs-03801-03900/03873 | runs-07501-07600/07527 |
| p19.pddl | runs-00201-00300/00220 | runs-05701-05800/05701 | runs-09301-09400/09355 | runs-02001-02100/02047 | runs-03801-03900/03874 | runs-07501-07600/07528 |
| p20.pddl | runs-00201-00300/00221 | runs-05701-05800/05702 | runs-09301-09400/09356 | runs-02001-02100/02048 | runs-03801-03900/03875 | runs-07501-07600/07529 |

## elevators-opt08-strips

| Run dir  | default                | marked                 | naive                  | psvn                   | psvn_split             | watched                |
|----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| p01.pddl | runs-00201-00300/00222 | runs-05701-05800/05703 | runs-09301-09400/09357 | runs-02001-02100/02049 | runs-03801-03900/03876 | runs-07501-07600/07530 |
| p02.pddl | runs-00201-00300/00223 | runs-05701-05800/05704 | runs-09301-09400/09358 | runs-02001-02100/02050 | runs-03801-03900/03877 | runs-07501-07600/07531 |
| p03.pddl | runs-00201-00300/00224 | runs-05701-05800/05705 | runs-09301-09400/09359 | runs-02001-02100/02051 | runs-03801-03900/03878 | runs-07501-07600/07532 |
| p04.pddl | runs-00201-00300/00225 | runs-05701-05800/05706 | runs-09301-09400/09360 | runs-02001-02100/02052 | runs-03801-03900/03879 | runs-07501-07600/07533 |
| p05.pddl | runs-00201-00300/00226 | runs-05701-05800/05707 | runs-09301-09400/09361 | runs-02001-02100/02053 | runs-03801-03900/03880 | runs-07501-07600/07534 |
| p06.pddl | runs-00201-00300/00227 | runs-05701-05800/05708 | runs-09301-09400/09362 | runs-02001-02100/02054 | runs-03801-03900/03881 | runs-07501-07600/07535 |
| p07.pddl | runs-00201-00300/00228 | runs-05701-05800/05709 | runs-09301-09400/09363 | runs-02001-02100/02055 | runs-03801-03900/03882 | runs-07501-07600/07536 |
| p08.pddl | runs-00201-00300/00229 | runs-05701-05800/05710 | runs-09301-09400/09364 | runs-02001-02100/02056 | runs-03801-03900/03883 | runs-07501-07600/07537 |
| p09.pddl | runs-00201-00300/00230 | runs-05701-05800/05711 | runs-09301-09400/09365 | runs-02001-02100/02057 | runs-03801-03900/03884 | runs-07501-07600/07538 |
| p10.pddl | runs-00201-00300/00231 | runs-05701-05800/05712 | runs-09301-09400/09366 | runs-02001-02100/02058 | runs-03801-03900/03885 | runs-07501-07600/07539 |
| p11.pddl | runs-00201-00300/00232 | runs-05701-05800/05713 | runs-09301-09400/09367 | runs-02001-02100/02059 | runs-03801-03900/03886 | runs-07501-07600/07540 |
| p12.pddl | runs-00201-00300/00233 | runs-05701-05800/05714 | runs-09301-09400/09368 | runs-02001-02100/02060 | runs-03801-03900/03887 | runs-07501-07600/07541 |
| p13.pddl | runs-00201-00300/00234 | runs-05701-05800/05715 | runs-09301-09400/09369 | runs-02001-02100/02061 | runs-03801-03900/03888 | runs-07501-07600/07542 |
| p14.pddl | runs-00201-00300/00235 | runs-05701-05800/05716 | runs-09301-09400/09370 | runs-02001-02100/02062 | runs-03801-03900/03889 | runs-07501-07600/07543 |
| p15.pddl | runs-00201-00300/00236 | runs-05701-05800/05717 | runs-09301-09400/09371 | runs-02001-02100/02063 | runs-03801-03900/03890 | runs-07501-07600/07544 |
| p16.pddl | runs-00201-00300/00237 | runs-05701-05800/05718 | runs-09301-09400/09372 | runs-02001-02100/02064 | runs-03801-03900/03891 | runs-07501-07600/07545 |
| p17.pddl | runs-00201-00300/00238 | runs-05701-05800/05719 | runs-09301-09400/09373 | runs-02001-02100/02065 | runs-03801-03900/03892 | runs-07501-07600/07546 |
| p18.pddl | runs-00201-00300/00239 | runs-05701-05800/05720 | runs-09301-09400/09374 | runs-02001-02100/02066 | runs-03801-03900/03893 | runs-07501-07600/07547 |
| p19.pddl | runs-00201-00300/00240 | runs-05701-05800/05721 | runs-09301-09400/09375 | runs-02001-02100/02067 | runs-03801-03900/03894 | runs-07501-07600/07548 |
| p20.pddl | runs-00201-00300/00241 | runs-05701-05800/05722 | runs-09301-09400/09376 | runs-02001-02100/02068 | runs-03801-03900/03895 | runs-07501-07600/07549 |
| p21.pddl | runs-00201-00300/00242 | runs-05701-05800/05723 | runs-09301-09400/09377 | runs-02001-02100/02069 | runs-03801-03900/03896 | runs-07501-07600/07550 |
| p22.pddl | runs-00201-00300/00243 | runs-05701-05800/05724 | runs-09301-09400/09378 | runs-02001-02100/02070 | runs-03801-03900/03897 | runs-07501-07600/07551 |
| p23.pddl | runs-00201-00300/00244 | runs-05701-05800/05725 | runs-09301-09400/09379 | runs-02001-02100/02071 | runs-03801-03900/03898 | runs-07501-07600/07552 |
| p24.pddl | runs-00201-00300/00245 | runs-05701-05800/05726 | runs-09301-09400/09380 | runs-02001-02100/02072 | runs-03801-03900/03899 | runs-07501-07600/07553 |
| p25.pddl | runs-00201-00300/00246 | runs-05701-05800/05727 | runs-09301-09400/09381 | runs-02001-02100/02073 | runs-03801-03900/03900 | runs-07501-07600/07554 |
| p26.pddl | runs-00201-00300/00247 | runs-05701-05800/05728 | runs-09301-09400/09382 | runs-02001-02100/02074 | runs-03901-04000/03901 | runs-07501-07600/07555 |
| p27.pddl | runs-00201-00300/00248 | runs-05701-05800/05729 | runs-09301-09400/09383 | runs-02001-02100/02075 | runs-03901-04000/03902 | runs-07501-07600/07556 |
| p28.pddl | runs-00201-00300/00249 | runs-05701-05800/05730 | runs-09301-09400/09384 | runs-02001-02100/02076 | runs-03901-04000/03903 | runs-07501-07600/07557 |
| p29.pddl | runs-00201-00300/00250 | runs-05701-05800/05731 | runs-09301-09400/09385 | runs-02001-02100/02077 | runs-03901-04000/03904 | runs-07501-07600/07558 |
| p30.pddl | runs-00201-00300/00251 | runs-05701-05800/05732 | runs-09301-09400/09386 | runs-02001-02100/02078 | runs-03901-04000/03905 | runs-07501-07600/07559 |

## elevators-opt11-strips

| Run dir  | default                | marked                 | naive                  | psvn                   | psvn_split             | watched                |
|----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| p01.pddl | runs-00201-00300/00252 | runs-05701-05800/05733 | runs-09301-09400/09387 | runs-02001-02100/02079 | runs-03901-04000/03906 | runs-07501-07600/07560 |
| p02.pddl | runs-00201-00300/00253 | runs-05701-05800/05734 | runs-09301-09400/09388 | runs-02001-02100/02080 | runs-03901-04000/03907 | runs-07501-07600/07561 |
| p03.pddl | runs-00201-00300/00254 | runs-05701-05800/05735 | runs-09301-09400/09389 | runs-02001-02100/02081 | runs-03901-04000/03908 | runs-07501-07600/07562 |
| p04.pddl | runs-00201-00300/00255 | runs-05701-05800/05736 | runs-09301-09400/09390 | runs-02001-02100/02082 | runs-03901-04000/03909 | runs-07501-07600/07563 |
| p05.pddl | runs-00201-00300/00256 | runs-05701-05800/05737 | runs-09301-09400/09391 | runs-02001-02100/02083 | runs-03901-04000/03910 | runs-07501-07600/07564 |
| p06.pddl | runs-00201-00300/00257 | runs-05701-05800/05738 | runs-09301-09400/09392 | runs-02001-02100/02084 | runs-03901-04000/03911 | runs-07501-07600/07565 |
| p07.pddl | runs-00201-00300/00258 | runs-05701-05800/05739 | runs-09301-09400/09393 | runs-02001-02100/02085 | runs-03901-04000/03912 | runs-07501-07600/07566 |
| p08.pddl | runs-00201-00300/00259 | runs-05701-05800/05740 | runs-09301-09400/09394 | runs-02001-02100/02086 | runs-03901-04000/03913 | runs-07501-07600/07567 |
| p09.pddl | runs-00201-00300/00260 | runs-05701-05800/05741 | runs-09301-09400/09395 | runs-02001-02100/02087 | runs-03901-04000/03914 | runs-07501-07600/07568 |
| p10.pddl | runs-00201-00300/00261 | runs-05701-05800/05742 | runs-09301-09400/09396 | runs-02001-02100/02088 | runs-03901-04000/03915 | runs-07501-07600/07569 |
| p11.pddl | runs-00201-00300/00262 | runs-05701-05800/05743 | runs-09301-09400/09397 | runs-02001-02100/02089 | runs-03901-04000/03916 | runs-07501-07600/07570 |
| p12.pddl | runs-00201-00300/00263 | runs-05701-05800/05744 | runs-09301-09400/09398 | runs-02001-02100/02090 | runs-03901-04000/03917 | runs-07501-07600/07571 |
| p13.pddl | runs-00201-00300/00264 | runs-05701-05800/05745 | runs-09301-09400/09399 | runs-02001-02100/02091 | runs-03901-04000/03918 | runs-07501-07600/07572 |
| p14.pddl | runs-00201-00300/00265 | runs-05701-05800/05746 | runs-09301-09400/09400 | runs-02001-02100/02092 | runs-03901-04000/03919 | runs-07501-07600/07573 |
| p15.pddl | runs-00201-00300/00266 | runs-05701-05800/05747 | runs-09401-09500/09401 | runs-02001-02100/02093 | runs-03901-04000/03920 | runs-07501-07600/07574 |
| p16.pddl | runs-00201-00300/00267 | runs-05701-05800/05748 | runs-09401-09500/09402 | runs-02001-02100/02094 | runs-03901-04000/03921 | runs-07501-07600/07575 |
| p17.pddl | runs-00201-00300/00268 | runs-05701-05800/05749 | runs-09401-09500/09403 | runs-02001-02100/02095 | runs-03901-04000/03922 | runs-07501-07600/07576 |
| p18.pddl | runs-00201-00300/00269 | runs-05701-05800/05750 | runs-09401-09500/09404 | runs-02001-02100/02096 | runs-03901-04000/03923 | runs-07501-07600/07577 |
| p19.pddl | runs-00201-00300/00270 | runs-05701-05800/05751 | runs-09401-09500/09405 | runs-02001-02100/02097 | runs-03901-04000/03924 | runs-07501-07600/07578 |
| p20.pddl | runs-00201-00300/00271 | runs-05701-05800/05752 | runs-09401-09500/09406 | runs-02001-02100/02098 | runs-03901-04000/03925 | runs-07501-07600/07579 |



## floortile-opt11-strips

| Run dir          | default                | marked                 | naive                  | psvn                   | psvn_split             | watched                |
|------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| opt-p01-001.pddl | runs-00201-00300/00272 | runs-05701-05800/05753 | runs-09401-09500/09407 | runs-02001-02100/02099 | runs-03901-04000/03926 | runs-07501-07600/07580 |
| opt-p01-002.pddl | runs-00201-00300/00273 | runs-05701-05800/05754 | runs-09401-09500/09408 | runs-02001-02100/02100 | runs-03901-04000/03927 | runs-07501-07600/07581 |
| opt-p02-003.pddl | runs-00201-00300/00274 | runs-05701-05800/05755 | runs-09401-09500/09409 | runs-02101-02200/02101 | runs-03901-04000/03928 | runs-07501-07600/07582 |
| opt-p02-004.pddl | runs-00201-00300/00275 | runs-05701-05800/05756 | runs-09401-09500/09410 | runs-02101-02200/02102 | runs-03901-04000/03929 | runs-07501-07600/07583 |
| opt-p03-005.pddl | runs-00201-00300/00276 | runs-05701-05800/05757 | runs-09401-09500/09411 | runs-02101-02200/02103 | runs-03901-04000/03930 | runs-07501-07600/07584 |
| opt-p03-006.pddl | runs-00201-00300/00277 | runs-05701-05800/05758 | runs-09401-09500/09412 | runs-02101-02200/02104 | runs-03901-04000/03931 | runs-07501-07600/07585 |
| opt-p04-007.pddl | runs-00201-00300/00278 | runs-05701-05800/05759 | runs-09401-09500/09413 | runs-02101-02200/02105 | runs-03901-04000/03932 | runs-07501-07600/07586 |
| opt-p04-008.pddl | runs-00201-00300/00279 | runs-05701-05800/05760 | runs-09401-09500/09414 | runs-02101-02200/02106 | runs-03901-04000/03933 | runs-07501-07600/07587 |
| opt-p05-009.pddl | runs-00201-00300/00280 | runs-05701-05800/05761 | runs-09401-09500/09415 | runs-02101-02200/02107 | runs-03901-04000/03934 | runs-07501-07600/07588 |
| opt-p05-010.pddl | runs-00201-00300/00281 | runs-05701-05800/05762 | runs-09401-09500/09416 | runs-02101-02200/02108 | runs-03901-04000/03935 | runs-07501-07600/07589 |
| opt-p06-011.pddl | runs-00201-00300/00282 | runs-05701-05800/05763 | runs-09401-09500/09417 | runs-02101-02200/02109 | runs-03901-04000/03936 | runs-07501-07600/07590 |
| opt-p06-012.pddl | runs-00201-00300/00283 | runs-05701-05800/05764 | runs-09401-09500/09418 | runs-02101-02200/02110 | runs-03901-04000/03937 | runs-07501-07600/07591 |
| opt-p07-013.pddl | runs-00201-00300/00284 | runs-05701-05800/05765 | runs-09401-09500/09419 | runs-02101-02200/02111 | runs-03901-04000/03938 | runs-07501-07600/07592 |
| opt-p07-014.pddl | runs-00201-00300/00285 | runs-05701-05800/05766 | runs-09401-09500/09420 | runs-02101-02200/02112 | runs-03901-04000/03939 | runs-07501-07600/07593 |
| opt-p08-015.pddl | runs-00201-00300/00286 | runs-05701-05800/05767 | runs-09401-09500/09421 | runs-02101-02200/02113 | runs-03901-04000/03940 | runs-07501-07600/07594 |
| opt-p08-016.pddl | runs-00201-00300/00287 | runs-05701-05800/05768 | runs-09401-09500/09422 | runs-02101-02200/02114 | runs-03901-04000/03941 | runs-07501-07600/07595 |
| opt-p09-017.pddl | runs-00201-00300/00288 | runs-05701-05800/05769 | runs-09401-09500/09423 | runs-02101-02200/02115 | runs-03901-04000/03942 | runs-07501-07600/07596 |
| opt-p09-018.pddl | runs-00201-00300/00289 | runs-05701-05800/05770 | runs-09401-09500/09424 | runs-02101-02200/02116 | runs-03901-04000/03943 | runs-07501-07600/07597 |
| opt-p10-019.pddl | runs-00201-00300/00290 | runs-05701-05800/05771 | runs-09401-09500/09425 | runs-02101-02200/02117 | runs-03901-04000/03944 | runs-07501-07600/07598 |
| opt-p10-020.pddl | runs-00201-00300/00291 | runs-05701-05800/05772 | runs-09401-09500/09426 | runs-02101-02200/02118 | runs-03901-04000/03945 | runs-07501-07600/07599 |

## floortile-opt14-strips

| Run dir        | default                | marked                 | naive                  | psvn                   | psvn_split             | watched                |
|----------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| p01-4-3-2.pddl | runs-00201-00300/00292 | runs-05701-05800/05773 | runs-09401-09500/09427 | runs-02101-02200/02119 | runs-03901-04000/03946 | runs-07501-07600/07600 |
| p01-4-4-2.pddl | runs-00201-00300/00293 | runs-05701-05800/05774 | runs-09401-09500/09428 | runs-02101-02200/02120 | runs-03901-04000/03947 | runs-07601-07700/07601 |
| p01-5-3-2.pddl | runs-00201-00300/00294 | runs-05701-05800/05775 | runs-09401-09500/09429 | runs-02101-02200/02121 | runs-03901-04000/03948 | runs-07601-07700/07602 |
| p01-5-4-2.pddl | runs-00201-00300/00295 | runs-05701-05800/05776 | runs-09401-09500/09430 | runs-02101-02200/02122 | runs-03901-04000/03949 | runs-07601-07700/07603 |
| p01-5-5-2.pddl | runs-00201-00300/00296 | runs-05701-05800/05777 | runs-09401-09500/09431 | runs-02101-02200/02123 | runs-03901-04000/03950 | runs-07601-07700/07604 |
| p01-6-4-2.pddl | runs-00201-00300/00297 | runs-05701-05800/05778 | runs-09401-09500/09432 | runs-02101-02200/02124 | runs-03901-04000/03951 | runs-07601-07700/07605 |
| p01-6-5-2.pddl | runs-00201-00300/00298 | runs-05701-05800/05779 | runs-09401-09500/09433 | runs-02101-02200/02125 | runs-03901-04000/03952 | runs-07601-07700/07606 |
| p02-4-4-2.pddl | runs-00201-00300/00299 | runs-05701-05800/05780 | runs-09401-09500/09434 | runs-02101-02200/02126 | runs-03901-04000/03953 | runs-07601-07700/07607 |
| p02-5-3-2.pddl | runs-00201-00300/00300 | runs-05701-05800/05781 | runs-09401-09500/09435 | runs-02101-02200/02127 | runs-03901-04000/03954 | runs-07601-07700/07608 |
| p02-5-4-2.pddl | runs-00301-00400/00301 | runs-05701-05800/05782 | runs-09401-09500/09436 | runs-02101-02200/02128 | runs-03901-04000/03955 | runs-07601-07700/07609 |
| p02-5-5-2.pddl | runs-00301-00400/00302 | runs-05701-05800/05783 | runs-09401-09500/09437 | runs-02101-02200/02129 | runs-03901-04000/03956 | runs-07601-07700/07610 |
| p02-6-4-2.pddl | runs-00301-00400/00303 | runs-05701-05800/05784 | runs-09401-09500/09438 | runs-02101-02200/02130 | runs-03901-04000/03957 | runs-07601-07700/07611 |
| p02-6-5-2.pddl | runs-00301-00400/00304 | runs-05701-05800/05785 | runs-09401-09500/09439 | runs-02101-02200/02131 | runs-03901-04000/03958 | runs-07601-07700/07612 |
| p03-4-3-2.pddl | runs-00301-00400/00305 | runs-05701-05800/05786 | runs-09401-09500/09440 | runs-02101-02200/02132 | runs-03901-04000/03959 | runs-07601-07700/07613 |
| p03-4-4-2.pddl | runs-00301-00400/00306 | runs-05701-05800/05787 | runs-09401-09500/09441 | runs-02101-02200/02133 | runs-03901-04000/03960 | runs-07601-07700/07614 |
| p03-5-3-2.pddl | runs-00301-00400/00307 | runs-05701-05800/05788 | runs-09401-09500/09442 | runs-02101-02200/02134 | runs-03901-04000/03961 | runs-07601-07700/07615 |
| p03-5-4-2.pddl | runs-00301-00400/00308 | runs-05701-05800/05789 | runs-09401-09500/09443 | runs-02101-02200/02135 | runs-03901-04000/03962 | runs-07601-07700/07616 |
| p03-5-5-2.pddl | runs-00301-00400/00309 | runs-05701-05800/05790 | runs-09401-09500/09444 | runs-02101-02200/02136 | runs-03901-04000/03963 | runs-07601-07700/07617 |
| p03-6-4-2.pddl | runs-00301-00400/00310 | runs-05701-05800/05791 | runs-09401-09500/09445 | runs-02101-02200/02137 | runs-03901-04000/03964 | runs-07601-07700/07618 |
| p03-6-5-2.pddl | runs-00301-00400/00311 | runs-05701-05800/05792 | runs-09401-09500/09446 | runs-02101-02200/02138 | runs-03901-04000/03965 | runs-07601-07700/07619 |

## freecell

| Run dir               | default                | marked                 | naive                  | psvn                   | psvn_split             | watcher                |
|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| p01.pddl              | runs-00301-00400/00312 | runs-05701-05800/05793 | runs-09401-09500/09447 | runs-02101-02200/02139 | runs-03901-04000/03966 | runs-07601-07700/07620 |
| p02.pddl              | runs-00301-00400/00313 | runs-05701-05800/05794 | runs-09401-09500/09448 | runs-02101-02200/02140 | runs-03901-04000/03967 | runs-07601-07700/07621 |
| p03.pddl              | runs-00301-00400/00314 | runs-05701-05800/05795 | runs-09401-09500/09449 | runs-02101-02200/02141 | runs-03901-04000/03968 | runs-07601-07700/07622 |
| p04.pddl              | runs-00301-00400/00315 | runs-05701-05800/05796 | runs-09401-09500/09450 | runs-02101-02200/02142 | runs-03901-04000/03969 | runs-07601-07700/07623 |
| p05.pddl              | runs-00301-00400/00316 | runs-05701-05800/05797 | runs-09401-09500/09451 | runs-02101-02200/02143 | runs-03901-04000/03970 | runs-07601-07700/07624 |
| p06.pddl              | runs-00301-00400/00317 | runs-05701-05800/05798 | runs-09401-09500/09452 | runs-02101-02200/02144 | runs-03901-04000/03971 | runs-07601-07700/07625 |
| p07.pddl              | runs-00301-00400/00318 | runs-05701-05800/05799 | runs-09401-09500/09453 | runs-02101-02200/02145 | runs-03901-04000/03972 | runs-07601-07700/07626 |
| p08.pddl              | runs-00301-00400/00319 | runs-05701-05800/05800 | runs-09401-09500/09454 | runs-02101-02200/02146 | runs-03901-04000/03973 | runs-07601-07700/07627 |
| p09.pddl              | runs-00301-00400/00320 | runs-05801-05900/05801 | runs-09401-09500/09455 | runs-02101-02200/02147 | runs-03901-04000/03974 | runs-07601-07700/07628 |
| p10.pddl              | runs-00301-00400/00321 | runs-05801-05900/05802 | runs-09401-09500/09456 | runs-02101-02200/02148 | runs-03901-04000/03975 | runs-07601-07700/07629 |
| p11.pddl              | runs-00301-00400/00322 | runs-05801-05900/05803 | runs-09401-09500/09457 | runs-02101-02200/02149 | runs-03901-04000/03976 | runs-07601-07700/07630 |
| p12.pddl              | runs-00301-00400/00323 | runs-05801-05900/05804 | runs-09401-09500/09458 | runs-02101-02200/02150 | runs-03901-04000/03977 | runs-07601-07700/07631 |
| p13.pddl              | runs-00301-00400/00324 | runs-05801-05900/05805 | runs-09401-09500/09459 | runs-02101-02200/02151 | runs-03901-04000/03978 | runs-07601-07700/07632 |
| p14.pddl              | runs-00301-00400/00325 | runs-05801-05900/05806 | runs-09401-09500/09460 | runs-02101-02200/02152 | runs-03901-04000/03979 | runs-07601-07700/07633 |
| p15.pddl              | runs-00301-00400/00326 | runs-05801-05900/05807 | runs-09401-09500/09461 | runs-02101-02200/02153 | runs-03901-04000/03980 | runs-07601-07700/07634 |
| p16.pddl              | runs-00301-00400/00327 | runs-05801-05900/05808 | runs-09401-09500/09462 | runs-02101-02200/02154 | runs-03901-04000/03981 | runs-07601-07700/07635 |
| p17.pddl              | runs-00301-00400/00328 | runs-05801-05900/05809 | runs-09401-09500/09463 | runs-02101-02200/02155 | runs-03901-04000/03982 | runs-07601-07700/07636 |
| p18.pddl              | runs-00301-00400/00329 | runs-05801-05900/05810 | runs-09401-09500/09464 | runs-02101-02200/02156 | runs-03901-04000/03983 | runs-07601-07700/07637 |
| p19.pddl              | runs-00301-00400/00330 | runs-05801-05900/05811 | runs-09401-09500/09465 | runs-02101-02200/02157 | runs-03901-04000/03984 | runs-07601-07700/07638 |
| p20.pddl              | runs-00301-00400/00331 | runs-05801-05900/05812 | runs-09401-09500/09466 | runs-02101-02200/02158 | runs-03901-04000/03985 | runs-07601-07700/07639 |
| probfreecell-2-1.pddl | runs-00301-00400/00332 | runs-05801-05900/05813 | runs-09401-09500/09467 | runs-02101-02200/02159 | runs-03901-04000/03986 | runs-07601-07700/07640 |
| probfreecell-2-2.pddl | runs-00301-00400/00333 | runs-05801-05900/05814 | runs-09401-09500/09468 | runs-02101-02200/02160 | runs-03901-04000/03987 | runs-07601-07700/07641 |
| probfreecell-2-3.pddl | runs-00301-00400/00334 | runs-05801-05900/05815 | runs-09401-09500/09469 | runs-02101-02200/02161 | runs-03901-04000/03988 | runs-07601-07700/07642 |
| probfreecell-2-4.pddl | runs-00301-00400/00335 | runs-05801-05900/05816 | runs-09401-09500/09470 | runs-02101-02200/02162 | runs-03901-04000/03989 | runs-07601-07700/07643 |
| probfreecell-2-5.pddl | runs-00301-00400/00336 | runs-05801-05900/05817 | runs-09401-09500/09471 | runs-02101-02200/02163 | runs-03901-04000/03990 | runs-07601-07700/07644 |
| probfreecell-3-1.pddl | runs-00301-00400/00337 | runs-05801-05900/05818 | runs-09401-09500/09472 | runs-02101-02200/02164 | runs-03901-04000/03991 | runs-07601-07700/07645 |
| probfreecell-3-2.pddl | runs-00301-00400/00338 | runs-05801-05900/05819 | runs-09401-09500/09473 | runs-02101-02200/02165 | runs-03901-04000/03992 | runs-07601-07700/07646 |
| probfreecell-3-3.pddl | runs-00301-00400/00339 | runs-05801-05900/05820 | runs-09401-09500/09474 | runs-02101-02200/02166 | runs-03901-04000/03993 | runs-07601-07700/07647 |
| probfreecell-3-4.pddl | runs-00301-00400/00340 | runs-05801-05900/05821 | runs-09401-09500/09475 | runs-02101-02200/02167 | runs-03901-04000/03994 | runs-07601-07700/07648 |
| probfreecell-3-5.pddl | runs-00301-00400/00341 | runs-05801-05900/05822 | runs-09401-09500/09476 | runs-02101-02200/02168 | runs-03901-04000/03995 | runs-07601-07700/07649 |
| probfreecell-4-1.pddl | runs-00301-00400/00342 | runs-05801-05900/05823 | runs-09401-09500/09477 | runs-02101-02200/02169 | runs-03901-04000/03996 | runs-07601-07700/07650 |
| probfreecell-4-2.pddl | runs-00301-00400/00343 | runs-05801-05900/05824 | runs-09401-09500/09478 | runs-02101-02200/02170 | runs-03901-04000/03997 | runs-07601-07700/07651 |
| probfreecell-4-3.pddl | runs-00301-00400/00344 | runs-05801-05900/05825 | runs-09401-09500/09479 | runs-02101-02200/02171 | runs-03901-04000/03998 | runs-07601-07700/07652 |
| probfreecell-4-4.pddl | runs-00301-00400/00345 | runs-05801-05900/05826 | runs-09401-09500/09480 | runs-02101-02200/02172 | runs-03901-04000/03999 | runs-07601-07700/07653 |
| probfreecell-4-5.pddl | runs-00301-00400/00346 | runs-05801-05900/05827 | runs-09401-09500/09481 | runs-02101-02200/02173 | runs-03901-04000/04000 | runs-07601-07700/07654 |
| probfreecell-5-1.pddl | runs-00301-00400/00347 | runs-05801-05900/05828 | runs-09401-09500/09482 | runs-02101-02200/02174 | runs-04001-04100/04001 | runs-07601-07700/07655 |
| probfreecell-5-2.pddl | runs-00301-00400/00348 | runs-05801-05900/05829 | runs-09401-09500/09483 | runs-02101-02200/02175 | runs-04001-04100/04002 | runs-07601-07700/07656 |
| probfreecell-5-3.pddl | runs-00301-00400/00349 | runs-05801-05900/05830 | runs-09401-09500/09484 | runs-02101-02200/02176 | runs-04001-04100/04003 | runs-07601-07700/07657 |
| probfreecell-5-4.pddl | runs-00301-00400/00350 | runs-05801-05900/05831 | runs-09401-09500/09485 | runs-02101-02200/02177 | runs-04001-04100/04004 | runs-07601-07700/07658 |
| probfreecell-5-5.pddl | runs-00301-00400/00351 | runs-05801-05900/05832 | runs-09401-09500/09486 | runs-02101-02200/02178 | runs-04001-04100/04005 | runs-07601-07700/07659 |
| probfreecell-6-1.pddl | runs-00301-00400/00352 | runs-05801-05900/05833 | runs-09401-09500/09487 | runs-02101-02200/02179 | runs-04001-04100/04006 | runs-07601-07700/07660 |
| probfreecell-6-2.pddl | runs-00301-00400/00353 | runs-05801-05900/05834 | runs-09401-09500/09488 | runs-02101-02200/02180 | runs-04001-04100/04007 | runs-07601-07700/07661 |
| probfreecell-6-3.pddl | runs-00301-00400/00354 | runs-05801-05900/05835 | runs-09401-09500/09489 | runs-02101-02200/02181 | runs-04001-04100/04008 | runs-07601-07700/07662 |
| probfreecell-6-4.pddl | runs-00301-00400/00355 | runs-05801-05900/05836 | runs-09401-09500/09490 | runs-02101-02200/02182 | runs-04001-04100/04009 | runs-07601-07700/07663 |

## ged-opt14-strips

| Run dir    | default                | marked                 | naive                  | psvn                   | psvn_split             | watched                |
|------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| d-1-2.pddl | runs-00301-00400/00392 | runs-05801-05900/05873 | runs-09501-09600/09527 | runs-02201-02300/02219 | runs-04001-04100/04046 | runs-07601-07700/07700 |
| d-1-3.pddl | runs-00301-00400/00393 | runs-05801-05900/05874 | runs-09501-09600/09528 | runs-02201-02300/02220 | runs-04001-04100/04047 | runs-07701-07800/07701 |
| d-1-4.pddl | runs-00301-00400/00394 | runs-05801-05900/05875 | runs-09501-09600/09529 | runs-02201-02300/02221 | runs-04001-04100/04048 | runs-07701-07800/07702 |
| d-1-8.pddl | runs-00301-00400/00395 | runs-05801-05900/05876 | runs-09501-09600/09530 | runs-02201-02300/02222 | runs-04001-04100/04049 | runs-07701-07800/07703 |
| d-2-1.pddl | runs-00301-00400/00396 | runs-05801-05900/05877 | runs-09501-09600/09531 | runs-02201-02300/02223 | runs-04001-04100/04050 | runs-07701-07800/07704 |
| d-2-3.pddl | runs-00301-00400/00397 | runs-05801-05900/05878 | runs-09501-09600/09532 | runs-02201-02300/02224 | runs-04001-04100/04051 | runs-07701-07800/07705 |
| d-2-4.pddl | runs-00301-00400/00398 | runs-05801-05900/05879 | runs-09501-09600/09533 | runs-02201-02300/02225 | runs-04001-04100/04052 | runs-07701-07800/07706 |
| d-2-8.pddl | runs-00301-00400/00399 | runs-05801-05900/05880 | runs-09501-09600/09534 | runs-02201-02300/02226 | runs-04001-04100/04053 | runs-07701-07800/07707 |
| d-3-1.pddl | runs-00301-00400/00400 | runs-05801-05900/05881 | runs-09501-09600/09535 | runs-02201-02300/02227 | runs-04001-04100/04054 | runs-07701-07800/07708 |
| d-3-2.pddl | runs-00401-00500/00401 | runs-05801-05900/05882 | runs-09501-09600/09536 | runs-02201-02300/02228 | runs-04001-04100/04055 | runs-07701-07800/07709 |
| d-3-4.pddl | runs-00401-00500/00402 | runs-05801-05900/05883 | runs-09501-09600/09537 | runs-02201-02300/02229 | runs-04001-04100/04056 | runs-07701-07800/07710 |
| d-4-2.pddl | runs-00401-00500/00403 | runs-05801-05900/05884 | runs-09501-09600/09538 | runs-02201-02300/02230 | runs-04001-04100/04057 | runs-07701-07800/07711 |
| d-4-3.pddl | runs-00401-00500/00404 | runs-05801-05900/05885 | runs-09501-09600/09539 | runs-02201-02300/02231 | runs-04001-04100/04058 | runs-07701-07800/07712 |
| d-4-8.pddl | runs-00401-00500/00405 | runs-05801-05900/05886 | runs-09501-09600/09540 | runs-02201-02300/02232 | runs-04001-04100/04059 | runs-07701-07800/07713 |
| d-7-5.pddl | runs-00401-00500/00406 | runs-05801-05900/05887 | runs-09501-09600/09541 | runs-02201-02300/02233 | runs-04001-04100/04060 | runs-07701-07800/07714 |
| d-7-6.pddl | runs-00401-00500/00407 | runs-05801-05900/05888 | runs-09501-09600/09542 | runs-02201-02300/02234 | runs-04001-04100/04061 | runs-07701-07800/07715 |
| d-8-1.pddl | runs-00401-00500/00408 | runs-05801-05900/05889 | runs-09501-09600/09543 | runs-02201-02300/02235 | runs-04001-04100/04062 | runs-07701-07800/07716 |
| d-8-2.pddl | runs-00401-00500/00409 | runs-05801-05900/05890 | runs-09501-09600/09544 | runs-02201-02300/02236 | runs-04001-04100/04063 | runs-07701-07800/07717 |
| d-8-4.pddl | runs-00401-00500/00410 | runs-05801-05900/05891 | runs-09501-09600/09545 | runs-02201-02300/02237 | runs-04001-04100/04064 | runs-07701-07800/07718 |
| d-8-9.pddl | runs-00401-00500/00411 | runs-05801-05900/05892 | runs-09501-09600/09546 | runs-02201-02300/02238 | runs-04001-04100/04065 | runs-07701-07800/07719 |

## grid

| Run dir     | default                | marked                 | naive                  | psvn                   | psvn_split             | watched                |
|-------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| prob01.pddl | runs-00401-00500/00412 | runs-05801-05900/05893 | runs-09501-09600/09547 | runs-02201-02300/02239 | runs-04001-04100/04066 | runs-07701-07800/07720 |
| prob02.pddl | runs-00401-00500/00413 | runs-05801-05900/05894 | runs-09501-09600/09548 | runs-02201-02300/02240 | runs-04001-04100/04067 | runs-07701-07800/07721 |
| prob03.pddl | runs-00401-00500/00414 | runs-05801-05900/05895 | runs-09501-09600/09549 | runs-02201-02300/02241 | runs-04001-04100/04068 | runs-07701-07800/07722 |
| prob04.pddl | runs-00401-00500/00415 | runs-05801-05900/05896 | runs-09501-09600/09550 | runs-02201-02300/02242 | runs-04001-04100/04069 | runs-07701-07800/07723 |
| prob05.pddl | runs-00401-00500/00416 | runs-05801-05900/05897 | runs-09501-09600/09551 | runs-02201-02300/02243 | runs-04001-04100/04070 | runs-07701-07800/07724 |

# gripper

| Run dir     | default                | marked                 | naive                  | psvn                   | psvn_split             | watched                |
|-------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| prob01.pddl | runs-00401-00500/00417 | runs-05801-05900/05898 | runs-09501-09600/09552 | runs-02201-02300/02244 | runs-04001-04100/04071 | runs-07701-07800/07725 |
| prob02.pddl | runs-00401-00500/00418 | runs-05801-05900/05899 | runs-09501-09600/09553 | runs-02201-02300/02245 | runs-04001-04100/04072 | runs-07701-07800/07726 |
| prob03.pddl | runs-00401-00500/00419 | runs-05801-05900/05900 | runs-09501-09600/09554 | runs-02201-02300/02246 | runs-04001-04100/04073 | runs-07701-07800/07727 |
| prob04.pddl | runs-00401-00500/00420 | runs-05901-06000/05901 | runs-09501-09600/09555 | runs-02201-02300/02247 | runs-04001-04100/04074 | runs-07701-07800/07728 |
| prob05.pddl | runs-00401-00500/00421 | runs-05901-06000/05902 | runs-09501-09600/09556 | runs-02201-02300/02248 | runs-04001-04100/04075 | runs-07701-07800/07729 |
| prob06.pddl | runs-00401-00500/00422 | runs-05901-06000/05903 | runs-09501-09600/09557 | runs-02201-02300/02249 | runs-04001-04100/04076 | runs-07701-07800/07730 |
| prob07.pddl | runs-00401-00500/00423 | runs-05901-06000/05904 | runs-09501-09600/09558 | runs-02201-02300/02250 | runs-04001-04100/04077 | runs-07701-07800/07731 |
| prob08.pddl | runs-00401-00500/00424 | runs-05901-06000/05905 | runs-09501-09600/09559 | runs-02201-02300/02251 | runs-04001-04100/04078 | runs-07701-07800/07732 |
| prob09.pddl | runs-00401-00500/00425 | runs-05901-06000/05906 | runs-09501-09600/09560 | runs-02201-02300/02252 | runs-04001-04100/04079 | runs-07701-07800/07733 |
| prob10.pddl | runs-00401-00500/00426 | runs-05901-06000/05907 | runs-09501-09600/09561 | runs-02201-02300/02253 | runs-04001-04100/04080 | runs-07701-07800/07734 |
| prob11.pddl | runs-00401-00500/00427 | runs-05901-06000/05908 | runs-09501-09600/09562 | runs-02201-02300/02254 | runs-04001-04100/04081 | runs-07701-07800/07735 |
| prob12.pddl | runs-00401-00500/00428 | runs-05901-06000/05909 | runs-09501-09600/09563 | runs-02201-02300/02255 | runs-04001-04100/04082 | runs-07701-07800/07736 |
| prob13.pddl | runs-00401-00500/00429 | runs-05901-06000/05910 | runs-09501-09600/09564 | runs-02201-02300/02256 | runs-04001-04100/04083 | runs-07701-07800/07737 |
| prob14.pddl | runs-00401-00500/00430 | runs-05901-06000/05911 | runs-09501-09600/09565 | runs-02201-02300/02257 | runs-04001-04100/04084 | runs-07701-07800/07738 |
| prob15.pddl | runs-00401-00500/00431 | runs-05901-06000/05912 | runs-09501-09600/09566 | runs-02201-02300/02258 | runs-04001-04100/04085 | runs-07701-07800/07739 |
| prob16.pddl | runs-00401-00500/00432 | runs-05901-06000/05913 | runs-09501-09600/09567 | runs-02201-02300/02259 | runs-04001-04100/04086 | runs-07701-07800/07740 |
| prob17.pddl | runs-00401-00500/00433 | runs-05901-06000/05914 | runs-09501-09600/09568 | runs-02201-02300/02260 | runs-04001-04100/04087 | runs-07701-07800/07741 |
| prob18.pddl | runs-00401-00500/00434 | runs-05901-06000/05915 | runs-09501-09600/09569 | runs-02201-02300/02261 | runs-04001-04100/04088 | runs-07701-07800/07742 |
| prob19.pddl | runs-00401-00500/00435 | runs-05901-06000/05916 | runs-09501-09600/09570 | runs-02201-02300/02262 | runs-04001-04100/04089 | runs-07701-07800/07743 |
| prob20.pddl | runs-00401-00500/00436 | runs-05901-06000/05917 | runs-09501-09600/09571 | runs-02201-02300/02263 | runs-04001-04100/04090 | runs-07701-07800/07744 |

## hiking-opt14-strips

| Run dir            | default                | marked                 | naive                  | psvn                   | psvn_split             | watched                |
|--------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ptestng-1-2-3.pddl | runs-00401-00500/00437 | runs-05901-06000/05918 | runs-09501-09600/09572 | runs-02201-02300/02264 | runs-04001-04100/04091 | runs-07701-07800/07745 |
| ptestng-1-2-4.pddl | runs-00401-00500/00438 | runs-05901-06000/05919 | runs-09501-09600/09573 | runs-02201-02300/02265 | runs-04001-04100/04092 | runs-07701-07800/07746 |
| ptestng-1-2-5.pddl | runs-00401-00500/00439 | runs-05901-06000/05920 | runs-09501-09600/09574 | runs-02201-02300/02266 | runs-04001-04100/04093 | runs-07701-07800/07747 |
| ptestng-1-2-7.pddl | runs-00401-00500/00440 | runs-05901-06000/05921 | runs-09501-09600/09575 | runs-02201-02300/02267 | runs-04001-04100/04094 | runs-07701-07800/07748 |
| ptestng-1-2-8.pddl | runs-00401-00500/00441 | runs-05901-06000/05922 | runs-09501-09600/09576 | runs-02201-02300/02268 | runs-04001-04100/04095 | runs-07701-07800/07749 |
| ptestng-2-2-3.pddl | runs-00401-00500/00442 | runs-05901-06000/05923 | runs-09501-09600/09577 | runs-02201-02300/02269 | runs-04001-04100/04096 | runs-07701-07800/07750 |
| ptestng-2-2-4.pddl | runs-00401-00500/00443 | runs-05901-06000/05924 | runs-09501-09600/09578 | runs-02201-02300/02270 | runs-04001-04100/04097 | runs-07701-07800/07751 |
| ptestng-2-2-5.pddl | runs-00401-00500/00444 | runs-05901-06000/05925 | runs-09501-09600/09579 | runs-02201-02300/02271 | runs-04001-04100/04098 | runs-07701-07800/07752 |
| ptestng-2-2-6.pddl | runs-00401-00500/00445 | runs-05901-06000/05926 | runs-09501-09600/09580 | runs-02201-02300/02272 | runs-04001-04100/04099 | runs-07701-07800/07753 |
| ptestng-2-2-7.pddl | runs-00401-00500/00446 | runs-05901-06000/05927 | runs-09501-09600/09581 | runs-02201-02300/02273 | runs-04001-04100/04100 | runs-07701-07800/07754 |
| ptestng-2-2-8.pddl | runs-00401-00500/00447 | runs-05901-06000/05928 | runs-09501-09600/09582 | runs-02201-02300/02274 | runs-04101-04200/04101 | runs-07701-07800/07755 |
| ptestng-2-3-4.pddl | runs-00401-00500/00448 | runs-05901-06000/05929 | runs-09501-09600/09583 | runs-02201-02300/02275 | runs-04101-04200/04102 | runs-07701-07800/07756 |
| ptestng-2-3-5.pddl | runs-00401-00500/00449 | runs-05901-06000/05930 | runs-09501-09600/09584 | runs-02201-02300/02276 | runs-04101-04200/04103 | runs-07701-07800/07757 |
| ptestng-2-3-6.pddl | runs-00401-00500/00450 | runs-05901-06000/05931 | runs-09501-09600/09585 | runs-02201-02300/02277 | runs-04101-04200/04104 | runs-07701-07800/07758 |
| ptestng-2-3-7.pddl | runs-00401-00500/00451 | runs-05901-06000/05932 | runs-09501-09600/09586 | runs-02201-02300/02278 | runs-04101-04200/04105 | runs-07701-07800/07759 |
| ptestng-2-4-3.pddl | runs-00401-00500/00452 | runs-05901-06000/05933 | runs-09501-09600/09587 | runs-02201-02300/02279 | runs-04101-04200/04106 | runs-07701-07800/07760 |
| ptestng-2-4-4.pddl | runs-00401-00500/00453 | runs-05901-06000/05934 | runs-09501-09600/09588 | runs-02201-02300/02280 | runs-04101-04200/04107 | runs-07701-07800/07761 |
| ptestng-2-4-5.pddl | runs-00401-00500/00454 | runs-05901-06000/05935 | runs-09501-09600/09589 | runs-02201-02300/02281 | runs-04101-04200/04108 | runs-07701-07800/07762 |
| ptestng-2-4-6.pddl | runs-00401-00500/00455 | runs-05901-06000/05936 | runs-09501-09600/09590 | runs-02201-02300/02282 | runs-04101-04200/04109 | runs-07701-07800/07763 |
| ptestng-2-4-7.pddl | runs-00401-00500/00456 | runs-05901-06000/05937 | runs-09501-09600/09591 | runs-02201-02300/02283 | runs-04101-04200/04110 | runs-07701-07800/07764 |

| Run dir                 | default                | marked                 | naive                  | psvn                   | psvn.split             | w                      |
|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| probLOGISTICS-4-0.pddl  | runs-00401-00500/00457 | runs-05901-06000/05938 | runs-09501-09600/09592 | runs-02201-02300/02284 | runs-04101-04200/04111 | runs-07701-07800/07701 |
| probLOGISTICS-4-1.pddl  | runs-00401-00500/00458 | runs-05901-06000/05939 | runs-09501-09600/09593 | runs-02201-02300/02285 | runs-04101-04200/04112 | runs-07701-07800/07702 |
| probLOGISTICS-4-2.pddl  | runs-00401-00500/00459 | runs-05901-06000/05940 | runs-09501-09600/09594 | runs-02201-02300/02286 | runs-04101-04200/04113 | runs-07701-07800/07703 |
| probLOGISTICS-5-0.pddl  | runs-00401-00500/00460 | runs-05901-06000/05941 | runs-09501-09600/09595 | runs-02201-02300/02287 | runs-04101-04200/04114 | runs-07701-07800/07704 |
| probLOGISTICS-5-1.pddl  | runs-00401-00500/00461 | runs-05901-06000/05942 | runs-09501-09600/09596 | runs-02201-02300/02288 | runs-04101-04200/04115 | runs-07701-07800/07705 |
| probLOGISTICS-5-2.pddl  | runs-00401-00500/00462 | runs-05901-06000/05943 | runs-09501-09600/09597 | runs-02201-02300/02289 | runs-04101-04200/04116 | runs-07701-07800/07706 |
| probLOGISTICS-6-0.pddl  | runs-00401-00500/00463 | runs-05901-06000/05944 | runs-09501-09600/09598 | runs-02201-02300/02290 | runs-04101-04200/04117 | runs-07701-07800/07707 |
| probLOGISTICS-6-1.pddl  | runs-00401-00500/00464 | runs-05901-06000/05945 | runs-09501-09600/09599 | runs-02201-02300/02291 | runs-04101-04200/04118 | runs-07701-07800/07708 |
| probLOGISTICS-6-2.pddl  | runs-00401-00500/00465 | runs-05901-06000/05946 | runs-09501-09600/09600 | runs-02201-02300/02292 | runs-04101-04200/04119 | runs-07701-07800/07709 |
| probLOGISTICS-6-9.pddl  | runs-00401-00500/00466 | runs-05901-06000/05947 | runs-09601-09700/09601 | runs-02201-02300/02293 | runs-04101-04200/04120 | runs-07701-07800/07710 |
| probLOGISTICS-7-0.pddl  | runs-00401-00500/00467 | runs-05901-06000/05948 | runs-09601-09700/09602 | runs-02201-02300/02294 | runs-04101-04200/04121 | runs-07701-07800/07711 |
| probLOGISTICS-7-1.pddl  | runs-00401-00500/00468 | runs-05901-06000/05949 | runs-09601-09700/09603 | runs-02201-02300/02295 | runs-04101-04200/04122 | runs-07701-07800/07712 |
| probLOGISTICS-8-0.pddl  | runs-00401-00500/00469 | runs-05901-06000/05950 | runs-09601-09700/09604 | runs-02201-02300/02296 | runs-04101-04200/04123 | runs-07701-07800/07713 |
| probLOGISTICS-8-1.pddl  | runs-00401-00500/00470 | runs-05901-06000/05951 | runs-09601-09700/09605 | runs-02201-02300/02297 | runs-04101-04200/04124 | runs-07701-07800/07714 |
| probLOGISTICS-9-0.pddl  | runs-00401-00500/00471 | runs-05901-06000/05952 | runs-09601-09700/09606 | runs-02201-02300/02298 | runs-04101-04200/04125 | runs-07701-07800/07715 |
| probLOGISTICS-9-1.pddl  | runs-00401-00500/00472 | runs-05901-06000/05953 | runs-09601-09700/09607 | runs-02201-02300/02299 | runs-04101-04200/04126 | runs-07701-07800/07716 |
| probLOGISTICS-10-0.pddl | runs-00401-00500/00473 | runs-05901-06000/05954 | runs-09601-09700/09608 | runs-02201-02300/02300 | runs-04101-04200/04127 | runs-07701-07800/07717 |
| probLOGISTICS-10-1.pddl | runs-00401-00500/00474 | runs-05901-06000/05955 | runs-09601-09700/09609 | runs-02301-02400/02301 | runs-04101-04200/04128 | runs-07701-07800/07718 |
| probLOGISTICS-11-0.pddl | runs-00401-00500/00475 | runs-05901-06000/05956 | runs-09601-09700/09610 | runs-02301-02400/02302 | runs-04101-04200/04129 | runs-07701-07800/07719 |
| probLOGISTICS-11-1.pddl | runs-00401-00500/00476 | runs-05901-06000/05957 | runs-09601-09700/09611 | runs-02301-02400/02303 | runs-04101-04200/04130 | runs-07701-07800/07720 |
| probLOGISTICS-12-0.pddl | runs-00401-00500/00477 | runs-05901-06000/05958 | runs-09601-09700/09612 | runs-02301-02400/02304 | runs-04101-04200/04131 | runs-07701-07800/07721 |
| probLOGISTICS-12-1.pddl | runs-00401-00500/00478 | runs-05901-06000/05959 | runs-09601-09700/09613 | runs-02301-02400/02305 | runs-04101-04200/04132 | runs-07701-07800/07722 |
| probLOGISTICS-13-0.pddl | runs-00401-00500/00479 | runs-05901-06000/05960 | runs-09601-09700/09614 | runs-02301-02400/02306 | runs-04101-04200/04133 | runs-07701-07800/07723 |
| probLOGISTICS-13-1.pddl | runs-00401-00500/00480 | runs-05901-06000/05961 | runs-09601-09700/09615 | runs-02301-02400/02307 | runs-04101-04200/04134 | runs-07701-07800/07724 |
| probLOGISTICS-14-0.pddl | runs-00401-00500/00481 | runs-05901-06000/05962 | runs-09601-09700/09616 | runs-02301-02400/023   |                        |                        |





| run dir   | default                | marked                 | naive                  | psvn                   | psvn_split             | watched                |
|-----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| s1-0.pddl | runs-00501-00600/00520 | runs-06001-06100/06001 | runs-09601-09700/09655 | runs-02301-02400/02347 | runs-04101-04200/04174 | runs-07801-07900/07828 |
| s1-1.pddl | runs-00501-00600/00521 | runs-06001-06100/06002 | runs-09601-09700/09656 | runs-02301-02400/02348 | runs-04101-04200/04175 | runs-07801-07900/07829 |
| s1-2.pddl | runs-00501-00600/00522 | runs-06001-06100/06003 | runs-09601-09700/09657 | runs-02301-02400/02349 | runs-04101-04200/04176 | runs-07801-07900/07830 |
| s1-3.pddl | runs-00501-00600/00523 | runs-06001-06100/06004 | runs-09601-09700/09658 | runs-02301-02400/02350 | runs-04101-04200/04177 | runs-07801-07900/07831 |
| s1-4.pddl | runs-00501-00600/00524 | runs-06001-06100/06005 | runs-09601-09700/09659 | runs-02301-02400/02351 | runs-04101-04200/04178 | runs-07801-07900/07832 |
| s2-0.pddl | runs-00501-00600/00525 | runs-06001-06100/06006 | runs-09601-09700/09660 | runs-02301-02400/02352 | runs-04101-04200/04179 | runs-07801-07900/07833 |
| s2-1.pddl | runs-00501-00600/00526 | runs-06001-06100/06007 | runs-09601-09700/09661 | runs-02301-02400/02353 | runs-04101-04200/04180 | runs-07801-07900/07834 |
| s2-2.pddl | runs-00501-00600/00527 | runs-06001-06100/06008 | runs-09601-09700/09662 | runs-02301-02400/02354 | runs-04101-04200/04181 | runs-07801-07900/07835 |
| s2-3.pddl | runs-00501-00600/00528 | runs-06001-06100/06009 | runs-09601-09700/09663 | runs-02301-02400/02355 | runs-04101-04200/04182 | runs-07801-07900/07836 |
| s2-4.pddl | runs-00501-00600/00529 | runs-06001-06100/06010 | runs-09601-09700/09664 | runs-02301-02400/02356 | runs-04101-04200/04183 | runs-07801-07900/07837 |
| s3-0.pddl | runs-00501-00600/00530 | runs-06001-06100/06011 | runs-09601-09700/09665 | runs-02301-02400/02357 | runs-04101-04200/04184 | runs-07801-07900/07838 |
| s3-1.pddl | runs-00501-00600/00531 | runs-06001-06100/06012 | runs-09601-09700/09666 | runs-02301-02400/02358 | runs-04101-04200/04185 | runs-07801-07900/07839 |
| s3-2.pddl | runs-00501-00600/00532 | runs-06001-06100/06013 | runs-09601-09700/09667 | runs-02301-02400/02359 | runs-04101-04200/04186 | runs-07801-07900/07840 |
| s3-3.pddl | runs-00501-00600/00533 | runs-06001-06100/06014 | runs-09601-09700/09668 | runs-02301-02400/02360 | runs-04101-04200/04187 | runs-07801-07900/07841 |
| s3-4.pddl | runs-00501-00600/00534 | runs-06001-06100/06015 | runs-09601-09700/09669 | runs-02301-02400/02361 | runs-04101-04200/04188 | runs-07801-07900/07842 |
| s4-0.pddl | runs-00501-00600/00535 | runs-06001-06100/06016 | runs-09601-09700/09670 | runs-02301-02400/02362 | runs-04101-04200/04189 | runs-07801-07900/07843 |
| s4-1.pddl | runs-00501-00600/00536 | runs-06001-06100/06017 | runs-09601-09700/09671 | runs-02301-02400/02363 | runs-04101-04200/04190 | runs-07801-07900/07844 |
| s4-2.pddl | runs-00501-00600/00537 | runs-06001-06100/06018 | runs-09601-09700/09672 | runs-02301-02400/02364 | runs-04101-04200/04191 | runs-07801-07900/07845 |
| s4-3.pddl | runs-00501-00600/00538 | runs-06001-06100/06019 | runs-09601-09700/09673 | runs-02301-02400/02365 | runs-04101-04200/04192 | runs-07801-07900/07846 |
| s4-4.pddl | runs-00501-00600/00539 | runs-06001-06100/06020 | runs-09601-09700/09674 | runs-02301-02400/02366 | runs-04101-04200/04193 | runs-07801-07900/07847 |
| s5-0.pddl | runs-00501-00600/00540 | runs-06001-06100/06021 | runs-09601-09700/09675 | runs-02301-02400/02367 | runs-04101-04200/04194 | runs-07801-07900/07848 |
| s5-1.pddl | runs-00501-00600/00541 | runs-06001-06100/06022 | runs-09601-09700/09676 | runs-02301-02400/02368 | runs-04101-04200/04195 | runs-07801-07900/07849 |
| s5-2.pddl | runs-00501-00600/00542 | runs-06001-06100/06023 | runs-09601-09700/09677 | runs-02301-02400/02369 | runs-04101-04200/04196 | runs-07801-07900/07850 |
| s5-3.pddl | runs-00501-00600/00543 | runs-06001-06100/06024 | runs-09601-09700/09678 | runs-02301-02400/02370 | runs-04101-04200/04197 | runs-07801-07900/07851 |
| s5-4.pddl | runs-00501-00600/00544 | runs-06001-06100/06025 | runs-09601-09700/09679 | runs-02301-02400/02371 | runs-04101-04200/04198 | runs-07801-07900/07852 |
| s6-0.pddl | runs-00501-00600/00545 | runs-06001-06100/06026 | runs-09601-09700/09680 | runs-0230              |                        |                        |

| Run dir     | default                | marked                 | naive                  | psvn                   | psvn_split             | watched                |
|-------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| prob01.pddl | runs-00601-00700/00670 | runs-06101-06200/06151 | runs-09801-09900/09805 | runs-02401-02500/02497 | runs-04301-04400/04324 | runs-07901-08000/07978 |
| prob02.pddl | runs-00601-00700/00671 | runs-06101-06200/06152 | runs-09801-09900/09806 | runs-02401-02500/02498 | runs-04301-04400/04325 | runs-07901-08000/07979 |
| prob03.pddl | runs-00601-00700/00672 | runs-06101-06200/06153 | runs-09801-09900/09807 | runs-02401-02500/02499 | runs-04301-04400/04326 | runs-07901-08000/07980 |
| prob04.pddl | runs-00601-00700/00673 | runs-06101-06200/06154 | runs-09801-09900/09808 | runs-02401-02500/02500 | runs-04301-04400/04327 | runs-07901-08000/07981 |
| prob05.pddl | runs-00601-00700/00674 | runs-06101-06200/06155 | runs-09801-09900/09809 | runs-02501-02600/02501 | runs-04301-04400/04328 | runs-07901-08000/07982 |
| prob06.pddl | runs-00601-00700/00675 | runs-06101-06200/06156 | runs-09801-09900/09810 | runs-02501-02600/02502 | runs-04301-04400/04329 | runs-07901-08000/07983 |
| prob07.pddl | runs-00601-00700/00676 | runs-06101-06200/06157 | runs-09801-09900/09811 | runs-02501-02600/02503 | runs-04301-04400/04330 | runs-07901-08000/07984 |
| prob08.pddl | runs-00601-00700/00677 | runs-06101-06200/06158 | runs-09801-09900/09812 | runs-02501-02600/02504 | runs-04301-04400/04331 | runs-07901-08000/07985 |
| prob09.pddl | runs-00601-00700/00678 | runs-06101-06200/06159 | runs-09801-09900/09813 | runs-02501-02600/02505 | runs-04301-04400/04332 | runs-07901-08000/07986 |
| prob10.pddl | runs-00601-00700/00679 | runs-06101-06200/06160 | runs-09801-09900/09814 | runs-02501-02600/02506 | runs-04301-04400/04333 | runs-07901-08000/07987 |
| prob11.pddl | runs-00601-00700/00680 | runs-06101-06200/06161 | runs-09801-09900/09815 | runs-02501-02600/02507 | runs-04301-04400/04334 | runs-07901-08000/07988 |
| prob12.pddl | runs-00601-00700/00681 | runs-06101-06200/06162 | runs-09801-09900/09816 | runs-02501-02600/02508 | runs-04301-04400/04335 | runs-07901-08000/07989 |
| prob13.pddl | runs-00601-00700/00682 | runs-06101-06200/06163 | runs-09801-09900/09817 | runs-02501-02600/02509 | runs-04301-04400/04336 | runs-07901-08000/07990 |
| prob14.pddl | runs-00601-00700/00683 | runs-06101-06200/06164 | runs-09801-09900/09818 | runs-02501-02600/02510 | runs-04301-04400/04337 | runs-07901-08000/07991 |
| prob15.pddl | runs-00601-00700/00684 | runs-06101-06200/06165 | runs-09801-09900/09819 | runs-02501-02600/02511 | runs-04301-04400/04338 | runs-07901-08000/07992 |
| prob16.pddl | runs-00601-00700/00685 | runs-06101-06200/06166 | runs-09801-09900/09820 | runs-02501-02600/02512 | runs-04301-04400/04339 | runs-07901-08000/07993 |
| prob17.pddl | runs-00601-00700/00686 | runs-06101-06200/06167 | runs-09801-09900/09821 | runs-02501-02600/02513 | runs-04301-04400/04340 | runs-07901-08000/07994 |
| prob18.pddl | runs-00601-00700/00687 | runs-06101-06200/06168 | runs-09801-09900/09822 | runs-02501-02600/02514 | runs-04301-04400/04341 | runs-07901-08000/07995 |
| prob19.pddl | runs-00601-00700/00688 | runs-06101-06200/06169 | runs-09801-09900/09823 | runs-02501-02600/02515 | runs-04301-04400/04342 | runs-07901-08000/07996 |
| prob20.pddl | runs-00601-00700/00689 | runs-06101-06200/06170 | runs-09801-09900/09824 | runs-02501-02600/02516 | runs-04301-04400/04343 | runs-07901-08000/07997 |
| prob21.pddl | runs-00601-00700/00690 | runs-06101-06200/06171 | runs-09801-09900/09825 | runs-02501-02600/02517 | runs-04301-04400/04344 | runs-07901-08000/07998 |
| prob22.pddl | runs-00601-00700/00691 | runs-06101-06200/06172 | runs-09801-09900/09826 | runs-02501-02600/02518 | runs-04301-04400/04345 | runs-07901-08000/07999 |
| prob23.pddl | runs-00601-00700/00692 | runs-06101-06200/06173 | runs-09801-09900/09827 | runs-02501-02600/02519 | runs-04301-04400/04346 | runs-07901-08000/08000 |
| prob24.pddl | runs-00601-00700/00693 | runs-06101-06200/06174 | runs-09801-09900/09828 | runs-02501-02600/02520 | runs-04301-04400/04347 | runs-08001-08100/08001 |
| prob25.pddl | runs-00601-00700/00694 | runs-06101-06200/06175 | runs-09801-09900/09829 | runs-02501-02600/02521 | runs-04301-04400/04348 | runs-08001-08100/08002 |
| prob26.pddl | runs-00601-00700/00695 | runs-06101-06200/06176 | runs-09801-09900/09830 | runs-0250              |                        |                        |

| Run dir     | default                | marked                 | naive                  | psvn                   | psvn_split             | watched                |
|-------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| prob01.pddl | runs-00601-00700/00700 | runs-06101-06200/06181 | runs-09801-09900/09835 | runs-02501-02600/02527 | runs-04301-04400/04354 | runs-08001-08100/08008 |
| prob02.pddl | runs-00701-00800/00701 | runs-06101-06200/06182 | runs-09801-09900/09836 | runs-02501-02600/02528 | runs-04301-04400/04355 | runs-08001-08100/08009 |
| prob03.pddl | runs-00701-00800/00702 | runs-06101-06200/06183 | runs-09801-09900/09837 | runs-02501-02600/02529 | runs-04301-04400/04356 | runs-08001-08100/08010 |
| prob04.pddl | runs-00701-00800/00703 | runs-06101-06200/06184 | runs-09801-09900/09838 | runs-02501-02600/02530 | runs-04301-04400/04357 | runs-08001-08100/08011 |
| prob05.pddl | runs-00701-00800/00704 | runs-06101-06200/06185 | runs-09801-09900/09839 | runs-02501-02600/02531 | runs-04301-04400/04358 | runs-08001-08100/08012 |
| prob06.pddl | runs-00701-00800/00705 | runs-06101-06200/06186 | runs-09801-09900/09840 | runs-02501-02600/02532 | runs-04301-04400/04359 | runs-08001-08100/08013 |
| prob07.pddl | runs-00701-00800/00706 | runs-06101-06200/06187 | runs-09801-09900/09841 | runs-02501-02600/02533 | runs-04301-04400/04360 | runs-08001-08100/08014 |
| prob08.pddl | runs-00701-00800/00707 | runs-06101-06200/06188 | runs-09801-09900/09842 | runs-02501-02600/02534 | runs-04301-04400/04361 | runs-08001-08100/08015 |
| prob09.pddl | runs-00701-00800/00708 | runs-06101-06200/06189 | runs-09801-09900/09843 | runs-02501-02600/02535 | runs-04301-04400/04362 | runs-08001-08100/08016 |
| prob10.pddl | runs-00701-00800/00709 | runs-06101-06200/06190 | runs-09801-09900/09844 | runs-02501-02600/02536 | runs-04301-04400/04363 | runs-08001-08100/08017 |
| prob11.pddl | runs-00701-00800/00710 | runs-06101-06200/06191 | runs-09801-09900/09845 | runs-02501-02600/02537 | runs-04301-04400/04364 | runs-08001-08100/08018 |
| prob12.pddl | runs-00701-00800/00711 | runs-06101-06200/06192 | runs-09801-09900/09846 | runs-02501-02600/02538 | runs-04301-04400/04365 | runs-08001-08100/08019 |
| prob13.pddl | runs-00701-00800/00712 | runs-06101-06200/06193 | runs-09801-09900/09847 | runs-02501-02600/02539 | runs-04301-04400/04366 | runs-08001-08100/08020 |
| prob14.pddl | runs-00701-00800/00713 | runs-06101-06200/06194 | runs-09801-09900/09848 | runs-02501-02600/02540 | runs-04301-04400/04367 | runs-08001-08100/08021 |
| prob15.pddl | runs-00701-00800/00714 | runs-06101-06200/06195 | runs-09801-09900/09849 | runs-02501-02600/02541 | runs-04301-04400/04368 | runs-08001-08100/08022 |
| prob16.pddl | runs-00701-00800/00715 | runs-06101-06200/06196 | runs-09801-09900/09850 | runs-02501-02600/02542 | runs-04301-04400/04369 | runs-08001-08100/08023 |
| prob17.pddl | runs-00701-00800/00716 | runs-06101-06200/06197 | runs-09801-09900/09851 | runs-02501-02600/02543 | runs-04301-04400/04370 | runs-08001-08100/08024 |
| prob18.pddl | runs-00701-00800/00717 | runs-06101-06200/06198 | runs-09801-09900/09852 | runs-02501-02600/02544 | runs-04301-04400/04371 | runs-08001-08100/08025 |
| prob19.pddl | runs-00701-00800/00718 | runs-06101-06200/06199 | runs-09801-09900/09853 | runs-02501-02600/02545 | runs-04301-04400/04372 | runs-08001-08100/08026 |
| prob20.pddl | runs-00701-00800/00719 | runs-06101-06200/06200 | runs-09801-09900/09854 | runs-02501-02600/02546 | runs-04301-04400/04373 | runs-08001-08100/08027 |
| prob21.pddl | runs-00701-00800/00720 | runs-06201-06300/06201 | runs-09801-09900/09855 | runs-02501-02600/02547 | runs-04301-04400/04374 | runs-08001-08100/08028 |
| prob22.pddl | runs-00701-00800/00721 | runs-06201-06300/06202 | runs-09801-09900/09856 | runs-02501-02600/02548 | runs-04301-04400/04375 | runs-08001-08100/08029 |
| prob23.pddl | runs-00701-00800/00722 | runs-06201-06300/06203 | runs-09801-09900/09857 | runs-02501-02600/02549 | runs-04301-04400/04376 | runs-08001-08100/08030 |
| prob24.pddl | runs-00701-00800/00723 | runs-06201-06300/06204 | runs-09801-09900/09858 | runs-02501-02600/02550 | runs-04301-04400/04377 | runs-08001-08100/08031 |
| prob25.pddl | runs-00701-00800/00724 | runs-06201-06300/06205 | runs-09801-09900/09859 | runs-02501-02600/02551 | runs-04301-04400/04378 | runs-08001-08100/08032 |
| prob26.pddl | runs-00701-00800/00725 | runs-06201-06300/06206 | runs-09801-09900/09860 | runs-0250              |                        |                        |

| Run dir     | default                | marked                 | naive                  | psvn                   | psvn_split             | watched                |
|-------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| prob01.pddl | runs-00701-00800/00735 | runs-06201-06300/06216 | runs-09801-09900/09870 | runs-02501-02600/02562 | runs-04301-04400/04389 | runs-08001-08100/08043 |
| prob02.pddl | runs-00701-00800/00736 | runs-06201-06300/06217 | runs-09801-09900/09871 | runs-02501-02600/02563 | runs-04301-04400/04390 | runs-08001-08100/08044 |
| prob03.pddl | runs-00701-00800/00737 | runs-06201-06300/06218 | runs-09801-09900/09872 | runs-02501-02600/02564 | runs-04301-04400/04391 | runs-08001-08100/08045 |
| prob04.pddl | runs-00701-00800/00738 | runs-06201-06300/06219 | runs-09801-09900/09873 | runs-02501-02600/02565 | runs-04301-04400/04392 | runs-08001-08100/08046 |
| prob05.pddl | runs-00701-00800/00739 | runs-06201-06300/06220 | runs-09801-09900/09874 | runs-02501-02600/02566 | runs-04301-04400/04393 | runs-08001-08100/08047 |
| prob06.pddl | runs-00701-00800/00740 | runs-06201-06300/06221 | runs-09801-09900/09875 | runs-02501-02600/02567 | runs-04301-04400/04394 | runs-08001-08100/08048 |
| prob07.pddl | runs-00701-00800/00741 | runs-06201-06300/06222 | runs-09801-09900/09876 | runs-02501-02600/02568 | runs-04301-04400/04395 | runs-08001-08100/08049 |
| prob08.pddl | runs-00701-00800/00742 | runs-06201-06300/06223 | runs-09801-09900/09877 | runs-02501-02600/02569 | runs-04301-04400/04396 | runs-08001-08100/08050 |
| prob09.pddl | runs-00701-00800/00743 | runs-06201-06300/06224 | runs-09801-09900/09878 | runs-02501-02600/02570 | runs-04301-04400/04397 | runs-08001-08100/08051 |
| prob10.pddl | runs-00701-00800/00744 | runs-06201-06300/06225 | runs-09801-09900/09879 | runs-02501-02600/02571 | runs-04301-04400/04398 | runs-08001-08100/08052 |
| prob11.pddl | runs-00701-00800/00745 | runs-06201-06300/06226 | runs-09801-09900/09880 | runs-02501-02600/02572 | runs-04301-04400/04399 | runs-08001-08100/08053 |
| prob12.pddl | runs-00701-00800/00746 | runs-06201-06300/06227 | runs-09801-09900/09881 | runs-02501-02600/02573 | runs-04301-04400/04400 | runs-08001-08100/08054 |
| prob13.pddl | runs-00701-00800/00747 | runs-06201-06300/06228 | runs-09801-09900/09882 | runs-02501-02600/02574 | runs-04401-04500/04401 | runs-08001-08100/08055 |
| prob14.pddl | runs-00701-00800/00748 | runs-06201-06300/06229 | runs-09801-09900/09883 | runs-02501-02600/02575 | runs-04401-04500/04402 | runs-08001-08100/08056 |
| prob15.pddl | runs-00701-00800/00749 | runs-06201-06300/06230 | runs-09801-09900/09884 | runs-02501-02600/02576 | runs-04401-04500/04403 | runs-08001-08100/08057 |
| prob16.pddl | runs-00701-00800/00750 | runs-06201-06300/06231 | runs-09801-09900/09885 | runs-02501-02600/02577 | runs-04401-04500/04404 | runs-08001-08100/08058 |
| prob17.pddl | runs-00701-00800/00751 | runs-06201-06300/06232 | runs-09801-09900/09886 | runs-02501-02600/02578 | runs-04401-04500/04405 | runs-08001-08100/08059 |
| prob18.pddl | runs-00701-00800/00752 | runs-06201-06300/06233 | runs-09801-09900/09887 | runs-02501-02600/02579 | runs-04401-04500/04406 | runs-08001-08100/08060 |
| prob19.pddl | runs-00701-00800/00753 | runs-06201-06300/06234 | runs-09801-09900/09888 | runs-02501-02600/02580 | runs-04401-04500/04407 | runs-08001-08100/08061 |
| prob20.pddl | runs-00701-00800/00754 | runs-06201-06300/06235 | runs-09801-09900/09889 | runs-02501-02600/02581 | runs-04401-04500/04408 | runs-08001-08100/08062 |
| prob21.pddl | runs-00701-00800/00755 | runs-06201-06300/06236 | runs-09801-09900/09890 | runs-02501-02600/02582 | runs-04401-04500/04409 | runs-08001-08100/08063 |
| prob22.pddl | runs-00701-00800/00756 | runs-06201-06300/06237 | runs-09801-09900/09891 | runs-02501-02600/02583 | runs-04401-04500/04410 | runs-08001-08100/08064 |
| prob23.pddl | runs-00701-00800/00757 | runs-06201-06300/06238 | runs-09801-09900/09892 | runs-02501-02600/02584 | runs-04401-04500/04411 | runs-08001-08100/08065 |
| prob24.pddl | runs-00701-00800/00758 | runs-06201-06300/06239 | runs-09801-09900/09893 | runs-02501-02600/02585 | runs-04401-04500/04412 | runs-08001-08100/08066 |
| prob25.pddl | runs-00701-00800/00759 | runs-06201-06300/06240 | runs-09801-09900/09894 | runs-02501-02600/02586 | runs-04401-04500/04413 | runs-08001-08100/08067 |
| prob26.pddl | runs-00701-00800/00760 | runs-06201-06300/06241 | runs-09801-09900/09895 | runs-0250              |                        |                        |

# nomystery-opt11-strips

| Run dir  | default                | marked                 | naive                  | psvn                   | psvn_split             | watched                |
|----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| p01.pddl | runs-00701-00800/00765 | runs-06201-06300/06246 | runs-09801-09900/09900 | runs-02501-02600/02592 | runs-04401-04500/04419 | runs-08001-08100/08073 |
| p02.pddl | runs-00701-00800/00766 | runs-06201-06300/06247 | runs-09901-10000/09901 | runs-02501-02600/02593 | runs-04401-04500/04420 | runs-08001-08100/08074 |
| p03.pddl | runs-00701-00800/00767 | runs-06201-06300/06248 | runs-09901-10000/09902 | runs-02501-02600/02594 | runs-04401-04500/04421 | runs-08001-08100/08075 |
| p04.pddl | runs-00701-00800/00768 | runs-06201-06300/06249 | runs-09901-10000/09903 | runs-02501-02600/02595 | runs-04401-04500/04422 | runs-08001-08100/08076 |
| p05.pddl | runs-00701-00800/00769 | runs-06201-06300/06250 | runs-09901-10000/09904 | runs-02501-02600/02596 | runs-04401-04500/04423 | runs-08001-08100/08077 |
| p06.pddl | runs-00701-00800/00770 | runs-06201-06300/06251 | runs-09901-10000/09905 | runs-02501-02600/02597 | runs-04401-04500/04424 | runs-08001-08100/08078 |
| p07.pddl | runs-00701-00800/00771 | runs-06201-06300/06252 | runs-09901-10000/09906 | runs-02501-02600/02598 | runs-04401-04500/04425 | runs-08001-08100/08079 |
| p08.pddl | runs-00701-00800/00772 | runs-06201-06300/06253 | runs-09901-10000/09907 | runs-02501-02600/02599 | runs-04401-04500/04426 | runs-08001-08100/08080 |
| p09.pddl | runs-00701-00800/00773 | runs-06201-06300/06254 | runs-09901-10000/09908 | runs-02501-02600/02600 | runs-04401-04500/04427 | runs-08001-08100/08081 |
| p10.pddl | runs-00701-00800/00774 | runs-06201-06300/06255 | runs-09901-10000/09909 | runs-02601-02700/02601 | runs-04401-04500/04428 | runs-08001-08100/08082 |
| p11.pddl | runs-00701-00800/00775 | runs-06201-06300/06256 | runs-09901-10000/09910 | runs-02601-02700/02602 | runs-04401-04500/04429 | runs-08001-08100/08083 |
| p12.pddl | runs-00701-00800/00776 | runs-06201-06300/06257 | runs-09901-10000/09911 | runs-02601-02700/02603 | runs-04401-04500/04430 | runs-08001-08100/08084 |
| p13.pddl | runs-00701-00800/00777 | runs-06201-06300/06258 | runs-09901-10000/09912 | runs-02601-02700/02604 | runs-04401-04500/04431 | runs-08001-08100/08085 |
| p14.pddl | runs-00701-00800/00778 | runs-06201-06300/06259 | runs-09901-10000/09913 | runs-02601-02700/02605 | runs-04401-04500/04432 | runs-08001-08100/08086 |
| p15.pddl | runs-00701-00800/00779 | runs-06201-06300/06260 | runs-09901-10000/09914 | runs-02601-02700/02606 | runs-04401-04500/04433 | runs-08001-08100/08087 |
| p16.pddl | runs-00701-00800/00780 | runs-06201-06300/06261 | runs-09901-10000/09915 | runs-02601-02700/02607 | runs-04401-04500/04434 | runs-08001-08100/08088 |
| p17.pddl | runs-00701-00800/00781 | runs-06201-06300/06262 | runs-09901-10000/09916 | runs-02601-02700/02608 | runs-04401-04500/04435 | runs-08001-08100/08089 |
| p18.pddl | runs-00701-00800/00782 | runs-06201-06300/06263 | runs-09901-10000/09917 | runs-02601-02700/02609 | runs-04401-04500/04436 | runs-08001-08100/08090 |
| p19.pddl | runs-00701-00800/00783 | runs-06201-06300/06264 | runs-09901-10000/09918 | runs-02601-02700/02610 | runs-04401-04500/04437 | runs-08001-08100/08091 |
| p20.pddl | runs-00701-00800/00784 | runs-06201-06300/06265 | runs-09901-10000/09919 | runs-02601-02700/02611 | runs-04401-04500/04438 | runs-08001-08100/08092 |

## openstacks-opt08-strips

| Run dir  | default                | marked                 | naive                  | psvn                   | psvn_split             | watched                |
|----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| p01.pddl | runs-00701-00800/00785 | runs-06201-06300/06266 | runs-09901-10000/09920 | runs-02601-02700/02612 | runs-04401-04500/04439 | runs-08001-08100/08093 |
| p02.pddl | runs-00701-00800/00786 | runs-06201-06300/06267 | runs-09901-10000/09921 | runs-02601-02700/02613 | runs-04401-04500/04440 | runs-08001-08100/08094 |
| p03.pddl | runs-00701-00800/00787 | runs-06201-06300/06268 | runs-09901-10000/09922 | runs-02601-02700/02614 | runs-04401-04500/04441 | runs-08001-08100/08095 |
| p04.pddl | runs-00701-00800/00788 | runs-06201-06300/06269 | runs-09901-10000/09923 | runs-02601-02700/02615 | runs-04401-04500/04442 | runs-08001-08100/08096 |
| p05.pddl | runs-00701-00800/00789 | runs-06201-06300/06270 | runs-09901-10000/09924 | runs-02601-02700/02616 | runs-04401-04500/04443 | runs-08001-08100/08097 |
| p06.pddl | runs-00701-00800/00790 | runs-06201-06300/06271 | runs-09901-10000/09925 | runs-02601-02700/02617 | runs-04401-04500/04444 | runs-08001-08100/08098 |
| p07.pddl | runs-00701-00800/00791 | runs-06201-06300/06272 | runs-09901-10000/09926 | runs-02601-02700/02618 | runs-04401-04500/04445 | runs-08001-08100/08099 |
| p08.pddl | runs-00701-00800/00792 | runs-06201-06300/06273 | runs-09901-10000/09927 | runs-02601-02700/02619 | runs-04401-04500/04446 | runs-08001-08100/08100 |
| p09.pddl | runs-00701-00800/00793 | runs-06201-06300/06274 | runs-09901-10000/09928 | runs-02601-02700/02620 | runs-04401-04500/04447 | runs-08101-08200/08101 |
| p10.pddl | runs-00701-00800/00794 | runs-06201-06300/06275 | runs-09901-10000/09929 | runs-02601-02700/02621 | runs-04401-04500/04448 | runs-08101-08200/08102 |
| p11.pddl | runs-00701-00800/00795 | runs-06201-06300/06276 | runs-09901-10000/09930 | runs-02601-02700/02622 | runs-04401-04500/04449 | runs-08101-08200/08103 |
| p12.pddl | runs-00701-00800/00796 | runs-06201-06300/06277 | runs-09901-10000/09931 | runs-02601-02700/02623 | runs-04401-04500/04450 | runs-08101-08200/08104 |
| p13.pddl | runs-00701-00800/00797 | runs-06201-06300/06278 | runs-09901-10000/09932 | runs-02601-02700/02624 | runs-04401-04500/04451 | runs-08101-08200/08105 |
| p14.pddl | runs-00701-00800/00798 | runs-06201-06300/06279 | runs-09901-10000/09933 | runs-02601-02700/02625 | runs-04401-04500/04452 | runs-08101-08200/08106 |
| p15.pddl | runs-00701-00800/00799 | runs-06201-06300/06280 | runs-09901-10000/09934 | runs-02601-02700/02626 | runs-04401-04500/04453 | runs-08101-08200/08107 |
| p16.pddl | runs-00701-00800/00800 | runs-06201-06300/06281 | runs-09901-10000/09935 | runs-02601-02700/02627 | runs-04401-04500/04454 | runs-08101-08200/08108 |
| p17.pddl | runs-00801-00900/00801 | runs-06201-06300/06282 | runs-09901-10000/09936 | runs-02601-02700/02628 | runs-04401-04500/04455 | runs-08101-08200/08109 |
| p18.pddl | runs-00801-00900/00802 | runs-06201-06300/06283 | runs-09901-10000/09937 | runs-02601-02700/02629 | runs-04401-04500/04456 | runs-08101-08200/08110 |
| p19.pddl | runs-00801-00900/00803 | runs-06201-06300/06284 | runs-09901-10000/09938 | runs-02601-02700/02630 | runs-04401-04500/04457 | runs-08101-08200/08111 |
| p20.pddl | runs-00801-00900/00804 | runs-06201-06300/06285 | runs-09901-10000/09939 | runs-02601-02700/02631 | runs-04401-04500/04458 | runs-08101-08200/08112 |
| p21.pddl | runs-00801-00900/00805 | runs-06201-06300/06286 | runs-09901-10000/09940 | runs-02601-02700/02632 | runs-04401-04500/04459 | runs-08101-08200/08113 |
| p22.pddl | runs-00801-00900/00806 | runs-06201-06300/06287 | runs-09901-10000/09941 | runs-02601-02700/02633 | runs-04401-04500/04460 | runs-08101-08200/08114 |
| p23.pddl | runs-00801-00900/00807 | runs-06201-06300/06288 | runs-09901-10000/09942 | runs-02601-02700/02634 | runs-04401-04500/04461 | runs-08101-08200/08115 |
| p24.pddl | runs-00801-00900/00808 | runs-06201-06300/06289 | runs-09901-10000/09943 | runs-02601-02700/02635 | runs-04401-04500/04462 | runs-08101-08200/08116 |
| p25.pddl | runs-00801-00900/00809 | runs-06201-06300/06290 | runs-09901-10000/09944 | runs-02601-02700/02636 | runs-04401-04500/04463 | runs-08101-08200/08117 |
| p26.pddl | runs-00801-00900/00810 | runs-06201-06300/06291 | runs-09901-10000/09945 | runs-02601-02700/02637 | runs-04401-04500/04464 | runs-08101-08200/08118 |
| p27.pddl | runs-00801-00900/00811 | runs-06201-06300/06292 | runs-09901-10000/09946 | runs-02601-02700/02638 | runs-04401-04500/04465 | runs-08101-08200/08119 |
| p28.pddl | runs-00801-00900/00812 | runs-06201-06300/06293 | runs-09901-10000/09947 | runs-02601-02700/02639 | runs-04401-04500/04466 | runs-08101-08200/08120 |
| p29.pddl | runs-00801-00900/00813 | runs-06201-06300/06294 | runs-09901-10000/09948 | runs-02601-02700/02640 | runs-04401-04500/04467 | runs-08101-08200/08121 |
| p30.pddl | runs-00801-00900/00814 | runs-06201-06300/06295 | runs-09901-10000/09949 | runs-02601-02700/02641 | runs-04401-04500/04468 | runs-08101-08200/08122 |

## openstacks-opt11-strips

| Run dir  | default                | marked                 | naive                  | psvn                   | psvn_split             | watched                |
|----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| p01.pddl | runs-00801-00900/00815 | runs-06201-06300/06296 | runs-09901-10000/09950 | runs-02601-02700/02642 | runs-04401-04500/04469 | runs-08101-08200/08123 |
| p02.pddl | runs-00801-00900/00816 | runs-06201-06300/06297 | runs-09901-10000/09951 | runs-02601-02700/02643 | runs-04401-04500/04470 | runs-08101-08200/08124 |
| p03.pddl | runs-00801-00900/00817 | runs-06201-06300/06298 | runs-09901-10000/09952 | runs-02601-02700/02644 | runs-04401-04500/04471 | runs-08101-08200/08125 |
| p04.pddl | runs-00801-00900/00818 | runs-06201-06300/06299 | runs-09901-10000/09953 | runs-02601-02700/02645 | runs-04401-04500/04472 | runs-08101-08200/08126 |
| p05.pddl | runs-00801-00900/00819 | runs-06201-06300/06300 | runs-09901-10000/09954 | runs-02601-02700/02646 | runs-04401-04500/04473 | runs-08101-08200/08127 |
| p06.pddl | runs-00801-00900/00820 | runs-06301-06400/06301 | runs-09901-10000/09955 | runs-02601-02700/02647 | runs-04401-04500/04474 | runs-08101-08200/08128 |
| p07.pddl | runs-00801-00900/00821 | runs-06301-06400/06302 | runs-09901-10000/09956 | runs-02601-02700/02648 | runs-04401-04500/04475 | runs-08101-08200/08129 |
| p08.pddl | runs-00801-00900/00822 | runs-06301-06400/06303 | runs-09901-10000/09957 | runs-02601-02700/02649 | runs-04401-04500/04476 | runs-08101-08200/08130 |
| p09.pddl | runs-00801-00900/00823 | runs-06301-06400/06304 | runs-09901-10000/09958 | runs-02601-02700/02650 | runs-04401-04500/04477 | runs-08101-08200/08131 |
| p10.pddl | runs-00801-00900/00824 | runs-06301-06400/06305 | runs-09901-10000/09959 | runs-02601-02700/02651 | runs-04401-04500/04478 | runs-08101-08200/08132 |
| p11.pddl | runs-00801-00900/00825 | runs-06301-06400/06306 | runs-09901-10000/09960 | runs-02601-02700/02652 | runs-04401-04500/04479 | runs-08101-08200/08133 |
| p12.pddl | runs-00801-00900/00826 | runs-06301-06400/06307 | runs-09901-10000/09961 | runs-02601-02700/02653 | runs-04401-04500/04480 | runs-08101-08200/08134 |
| p13.pddl | runs-00801-00900/00827 | runs-06301-06400/06308 | runs-09901-10000/09962 | runs-02601-02700/02654 | runs-04401-04500/04481 | runs-08101-08200/08135 |
| p14.pddl | runs-00801-00900/00828 | runs-06301-06400/06309 | runs-09901-10000/09963 | runs-02601-02700/02655 | runs-04401-04500/04482 | runs-08101-08200/08136 |
| p15.pddl | runs-00801-00900/00829 | runs-06301-06400/06310 | runs-09901-10000/09964 | runs-02601-02700/02656 | runs-04401-04500/04483 | runs-08101-08200/08137 |
| p16.pddl | runs-00801-00900/00830 | runs-06301-06400/06311 | runs-09901-10000/09965 | runs-02601-02700/02657 | runs-04401-04500/04484 | runs-08101-08200/08138 |
| p17.pddl | runs-00801-00900/00831 | runs-06301-06400/06312 | runs-09901-10000/09966 | runs-02601-02700/02658 | runs-04401-04500/04485 | runs-08101-08200/08139 |
| p18.pddl | runs-00801-00900/00832 | runs-06301-06400/06313 | runs-09901-10000/09967 | runs-02601-02700/02659 | runs-04401-04500/04486 | runs-08101-08200/08140 |
| p19.pddl | runs-00801-00900/00833 | runs-06301-06400/06314 | runs-09901-10000/09968 | runs-02601-02700/02660 | runs-04401-04500/04487 | runs-08101-08200/08141 |
| p20.pddl | runs-00801-00900/00834 | runs-06301-06400/06315 | runs-09901-10000/09969 | runs-02601-02700/02661 | runs-04401-04500/04488 | runs-08101-08200/08142 |

## openstacks-opt14-strips

| Run dir    | default                | marked                 | naive                  | psvn                   | psvn_split             | watched                |
|------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| p20_1.pddl | runs-00801-00900/00835 | runs-06301-06400/06316 | runs-09901-10000/09970 | runs-02601-02700/02662 | runs-04401-04500/04489 | runs-08101-08200/08143 |
| p20_2.pddl | runs-00801-00900/00836 | runs-06301-06400/06317 | runs-09901-10000/09971 | runs-02601-02700/02663 | runs-04401-04500/04490 | runs-08101-08200/08144 |
| p20_3.pddl | runs-00801-00900/00837 | runs-06301-06400/06318 | runs-09901-10000/09972 | runs-02601-02700/02664 | runs-04401-04500/04491 | runs-08101-08200/08145 |
| p25_1.pddl | runs-00801-00900/00838 | runs-06301-06400/06319 | runs-09901-10000/09973 | runs-02601-02700/02665 | runs-04401-04500/04492 | runs-08101-08200/08146 |
| p25_3.pddl | runs-00801-00900/00839 | runs-06301-06400/06320 | runs-09901-10000/09974 | runs-02601-02700/02666 | runs-04401-04500/04493 | runs-08101-08200/08147 |
| p30_1.pddl | runs-00801-00900/00840 | runs-06301-06400/06321 | runs-09901-10000/09975 | runs-02601-02700/02667 | runs-04401-04500/04494 | runs-08101-08200/08148 |
| p30_2.pddl | runs-00801-00900/00841 | runs-06301-06400/06322 | runs-09901-10000/09976 | runs-02601-02700/02668 | runs-04401-04500/04495 | runs-08101-08200/08149 |
| p30_3.pddl | runs-00801-00900/00842 | runs-06301-06400/06323 | runs-09901-10000/09977 | runs-02601-02700/02669 | runs-04401-04500/04496 | runs-08101-08200/08150 |
| p35_1.pddl | runs-00801-00900/00843 | runs-06301-06400/06324 | runs-09901-10000/09978 | runs-02601-02700/02670 | runs-04401-04500/04497 | runs-08101-08200/08151 |
| p35_2.pddl | runs-00801-00900/00844 | runs-06301-06400/06325 | runs-09901-10000/09979 | runs-02601-02700/02671 | runs-04401-04500/04498 | runs-08101-08200/08152 |
| p35_3.pddl | runs-00801-00900/00845 | runs-06301-06400/06326 | runs-09901-10000/09980 | runs-02601-02700/02672 | runs-04401-04500/04499 | runs-08101-08200/08153 |
| p40_1.pddl | runs-00801-00900/00846 | runs-06301-06400/06327 | runs-09901-10000/09981 | runs-02601-02700/02673 | runs-04401-04500/04500 | runs-08101-08200/08154 |
| p40_2.pddl | runs-00801-00900/00847 | runs-06301-06400/06328 | runs-09901-10000/09982 | runs-02601-02700/02674 | runs-04501-04600/04501 | runs-08101-08200/08155 |
| p40_3.pddl | runs-00801-00900/00848 | runs-06301-06400/06329 | runs-09901-10000/09983 | runs-02601-02700/02675 | runs-04501-04600/04502 | runs-08101-08200/08156 |
| p45_1.pddl | runs-00801-00900/00849 | runs-06301-06400/06330 | runs-09901-10000/09984 | runs-02601-02700/02676 | runs-04501-04600/04503 | runs-08101-08200/08157 |
| p45_2.pddl | runs-00801-00900/00850 | runs-06301-06400/06331 | runs-09901-10000/09985 | runs-02601-02700/02677 | runs-04501-04600/04504 | runs-08101-08200/08158 |
| p45_3.pddl | runs-00801-00900/00851 | runs-06301-06400/06332 | runs-09901-10000/09986 | runs-02601-02700/02678 | runs-04501-04600/04505 | runs-08101-08200/08159 |
| p50_1.pddl | runs-00801-00900/00852 | runs-06301-06400/06333 | runs-09901-10000/09987 | runs-02601-02700/02679 | runs-04501-04600/04506 | runs-08101-08200/08160 |
| p50_2.pddl | runs-00801-00900/00853 | runs-06301-06400/06334 | runs-09901-10000/09988 | runs-02601-02700/02680 | runs-04501-04600/04507 | runs-08101-08200/08161 |
| p50_3.pddl | runs-00801-00900/00854 | runs-06301-06400/06335 | runs-09901-10000/09989 | runs-02601-02700/02681 | runs-04501-04600/04508 | runs-08101-08200/08162 |



## openstacks-strips

| Run dir  | default                | marked                 | naive                  | psvn                   | psvn_split             | watched                |
|----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| p01.pddl | runs-00801-00900/00855 | runs-06301-06400/06336 | runs-09901-10000/09990 | runs-02601-02700/02682 | runs-04501-04600/04509 | runs-08101-08200/08163 |
| p02.pddl | runs-00801-00900/00856 | runs-06301-06400/06337 | runs-09901-10000/09991 | runs-02601-02700/02683 | runs-04501-04600/04510 | runs-08101-08200/08164 |
| p03.pddl | runs-00801-00900/00857 | runs-06301-06400/06338 | runs-09901-10000/09992 | runs-02601-02700/02684 | runs-04501-04600/04511 | runs-08101-08200/08165 |
| p04.pddl | runs-00801-00900/00858 | runs-06301-06400/06339 | runs-09901-10000/09993 | runs-02601-02700/02685 | runs-04501-04600/04512 | runs-08101-08200/08166 |
| p05.pddl | runs-00801-00900/00859 | runs-06301-06400/06340 | runs-09901-10000/09994 | runs-02601-02700/02686 | runs-04501-04600/04513 | runs-08101-08200/08167 |
| p06.pddl | runs-00801-00900/00860 | runs-06301-06400/06341 | runs-09901-10000/09995 | runs-02601-02700/02687 | runs-04501-04600/04514 | runs-08101-08200/08168 |
| p07.pddl | runs-00801-00900/00861 | runs-06301-06400/06342 | runs-09901-10000/09996 | runs-02601-02700/02688 | runs-04501-04600/04515 | runs-08101-08200/08169 |
| p08.pddl | runs-00801-00900/00862 | runs-06301-06400/06343 | runs-09901-10000/09997 | runs-02601-02700/02689 | runs-04501-04600/04516 | runs-08101-08200/08170 |
| p09.pddl | runs-00801-00900/00863 | runs-06301-06400/06344 | runs-09901-10000/09998 | runs-02601-02700/02690 | runs-04501-04600/04517 | runs-08101-08200/08171 |
| p10.pddl | runs-00801-00900/00864 | runs-06301-06400/06345 | runs-09901-10000/09999 | runs-02601-02700/02691 | runs-04501-04600/04518 | runs-08101-08200/08172 |
| p11.pddl | runs-00801-00900/00865 | runs-06301-06400/06346 | runs-09901-10000/10000 | runs-02601-02700/02692 | runs-04501-04600/04519 | runs-08101-08200/08173 |
| p12.pddl | runs-00801-00900/00866 | runs-06301-06400/06347 | runs-10001-10100/10001 | runs-02601-02700/02693 | runs-04501-04600/04520 | runs-08101-08200/08174 |
| p13.pddl | runs-00801-00900/00867 | runs-06301-06400/06348 | runs-10001-10100/10002 | runs-02601-02700/02694 | runs-04501-04600/04521 | runs-08101-08200/08175 |
| p14.pddl | runs-00801-00900/00868 | runs-06301-06400/06349 | runs-10001-10100/10003 | runs-02601-02700/02695 | runs-04501-04600/04522 | runs-08101-08200/08176 |
| p15.pddl | runs-00801-00900/00869 | runs-06301-06400/06350 | runs-10001-10100/10004 | runs-02601-02700/02696 | runs-04501-04600/04523 | runs-08101-08200/08177 |
| p16.pddl | runs-00801-00900/00870 | runs-06301-06400/06351 | runs-10001-10100/10005 | runs-02601-02700/02697 | runs-04501-04600/04524 | runs-08101-08200/08178 |
| p17.pddl | runs-00801-00900/00871 | runs-06301-06400/06352 | runs-10001-10100/10006 | runs-02601-02700/02698 | runs-04501-04600/04525 | runs-08101-08200/08179 |
| p18.pddl | runs-00801-00900/00872 | runs-06301-06400/06353 | runs-10001-10100/10007 | runs-02601-02700/02699 | runs-04501-04600/04526 | runs-08101-08200/08180 |
| p19.pddl | runs-00801-00900/00873 | runs-06301-06400/06354 | runs-10001-10100/10008 | runs-02601-02700/02700 | runs-04501-04600/04527 | runs-08101-08200/08181 |
| p20.pddl | runs-00801-00900/00874 | runs-06301-06400/06355 | runs-10001-10100/10009 | runs-02701-02800/02701 | runs-04501-04600/04528 | runs-08101-08200/08182 |
| p21.pddl | runs-00801-00900/00875 | runs-06301-06400/06356 | runs-10001-10100/10010 | runs-02701-02800/02702 | runs-04501-04600/04529 | runs-08101-08200/08183 |
| p22.pddl | runs-00801-00900/00876 | runs-06301-06400/06357 | runs-10001-10100/10011 | runs-02701-02800/02703 | runs-04501-04600/04530 | runs-08101-08200/08184 |
| p23.pddl | runs-00801-00900/00877 | runs-06301-06400/06358 | runs-10001-10100/10012 | runs-02701-02800/02704 | runs-04501-04600/04531 | runs-08101-08200/08185 |
| p24.pddl | runs-00801-00900/00878 | runs-06301-06400/06359 | runs-10001-10100/10013 | runs-02701-02800/02705 | runs-04501-04600/04532 | runs-08101-08200/08186 |
| p25.pddl | runs-00801-00900/00879 | runs-06301-06400/06360 | runs-10001-10100/10014 | runs-02701-02800/02706 | runs-04501-04600/04533 | runs-08101-08200/08187 |
| p26.pddl | runs-00801-00900/00880 | runs-06301-06400/06361 | runs-10001-10100/10015 | runs-02701-02800/02707 | runs-04501-04600/04534 | runs-08101-08200/08188 |
| p27.pddl | runs-00801-00900/00881 | runs-06301-06400/06362 | runs-10001-10100/10016 | runs-02701-02800/02708 | runs-04501-04600/04535 | runs-08101-08200/08189 |
| p28.pddl | runs-00801-00900/00882 | runs-06301-06400/06363 | runs-10001-10100/10017 | runs-02701-02800/02709 | runs-04501-04600/04536 | runs-08101-08200/08190 |
| p29.pddl | runs-00801-00900/00883 | runs-06301-06400/06364 | runs-10001-10100/10018 | runs-02701-02800/02710 | runs-04501-04600/04537 | runs-08101-08200/08191 |
| p30.pddl | runs-00801-00900/00884 | runs-06301-06400/06365 | runs-10001-10100/10019 | runs-02701-02800/02711 | runs-04501-04600/04538 | runs-08101-08200/08192 |

# organic-synthesis-opt18-strips

| Run dir  | default                | marked                 | naive                  | psvn                   | psvn_split             | watched                |
|----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| p01.pddl | runs-00801-00900/00885 | runs-06301-06400/06366 | runs-10001-10100/10020 | runs-02701-02800/02712 | runs-04501-04600/04539 | runs-08101-08200/08193 |
| p02.pddl | runs-00801-00900/00886 | runs-06301-06400/06367 | runs-10001-10100/10021 | runs-02701-02800/02713 | runs-04501-04600/04540 | runs-08101-08200/08194 |
| p03.pddl | runs-00801-00900/00887 | runs-06301-06400/06368 | runs-10001-10100/10022 | runs-02701-02800/02714 | runs-04501-04600/04541 | runs-08101-08200/08195 |
| p04.pddl | runs-00801-00900/00888 | runs-06301-06400/06369 | runs-10001-10100/10023 | runs-02701-02800/02715 | runs-04501-04600/04542 | runs-08101-08200/08196 |
| p05.pddl | runs-00801-00900/00889 | runs-06301-06400/06370 | runs-10001-10100/10024 | runs-02701-02800/02716 | runs-04501-04600/04543 | runs-08101-08200/08197 |
| p06.pddl | runs-00801-00900/00890 | runs-06301-06400/06371 | runs-10001-10100/10025 | runs-02701-02800/02717 | runs-04501-04600/04544 | runs-08101-08200/08198 |
| p07.pddl | runs-00801-00900/00891 | runs-06301-06400/06372 | runs-10001-10100/10026 | runs-02701-02800/02718 | runs-04501-04600/04545 | runs-08101-08200/08199 |
| p08.pddl | runs-00801-00900/00892 | runs-06301-06400/06373 | runs-10001-10100/10027 | runs-02701-02800/02719 | runs-04501-04600/04546 | runs-08101-08200/08200 |
| p09.pddl | runs-00801-00900/00893 | runs-06301-06400/06374 | runs-10001-10100/10028 | runs-02701-02800/02720 | runs-04501-04600/04547 | runs-08201-08300/08201 |
| p10.pddl | runs-00801-00900/00894 | runs-06301-06400/06375 | runs-10001-10100/10029 | runs-02701-02800/02721 | runs-04501-04600/04548 | runs-08201-08300/08202 |
| p11.pddl | runs-00801-00900/00895 | runs-06301-06400/06376 | runs-10001-10100/10030 | runs-02701-02800/02722 | runs-04501-04600/04549 | runs-08201-08300/08203 |
| p12.pddl | runs-00801-00900/00896 | runs-06301-06400/06377 | runs-10001-10100/10031 | runs-02701-02800/02723 | runs-04501-04600/04550 | runs-08201-08300/08204 |
| p13.pddl | runs-00801-00900/00897 | runs-06301-06400/06378 | runs-10001-10100/10032 | runs-02701-02800/02724 | runs-04501-04600/04551 | runs-08201-08300/08205 |
| p14.pddl | runs-00801-00900/00898 | runs-06301-06400/06379 | runs-10001-10100/10033 | runs-02701-02800/02725 | runs-04501-04600/04552 | runs-08201-08300/08206 |
| p15.pddl | runs-00801-00900/00899 | runs-06301-06400/06380 | runs-10001-10100/10034 | runs-02701-02800/02726 | runs-04501-04600/04553 | runs-08201-08300/08207 |
| p16.pddl | runs-00801-00900/00900 | runs-06301-06400/06381 | runs-10001-10100/10035 | runs-02701-02800/02727 | runs-04501-04600/04554 | runs-08201-08300/08208 |
| p17.pddl | runs-00901-01000/00901 | runs-06301-06400/06382 | runs-10001-10100/10036 | runs-02701-02800/02728 | runs-04501-04600/04555 | runs-08201-08300/08209 |
| p18.pddl | runs-00901-01000/00902 | runs-06301-06400/06383 | runs-10001-10100/10037 | runs-02701-02800/02729 | runs-04501-04600/04556 | runs-08201-08300/08210 |
| p19.pddl | runs-00901-01000/00903 | runs-06301-06400/06384 | runs-10001-10100/10038 | runs-02701-02800/02730 | runs-04501-04600/04557 | runs-08201-08300/08211 |
| p20.pddl | runs-00901-01000/00904 | runs-06301-06400/06385 | runs-10001-10100/10039 | runs-02701-02800/02731 | runs-04501-04600/04558 | runs-08201-08300/08212 |

# organic-synthesis-split-opt18-strips

| Run dir  | default                | marked                 | naive                  | psvn                   | psvn_split             | watched                |
|----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| p01.pddl | runs-00901-01000/00905 | runs-06301-06400/06386 | runs-10001-10100/10040 | runs-02701-02800/02732 | runs-04501-04600/04559 | runs-08201-08300/08213 |
| p02.pddl | runs-00901-01000/00906 | runs-06301-06400/06387 | runs-10001-10100/10041 | runs-02701-02800/02733 | runs-04501-04600/04560 | runs-08201-08300/08214 |
| p03.pddl | runs-00901-01000/00907 | runs-06301-06400/06388 | runs-10001-10100/10042 | runs-02701-02800/02734 | runs-04501-04600/04561 | runs-08201-08300/08215 |
| p04.pddl | runs-00901-01000/00908 | runs-06301-06400/06389 | runs-10001-10100/10043 | runs-02701-02800/02735 | runs-04501-04600/04562 | runs-08201-08300/08216 |
| p05.pddl | runs-00901-01000/00909 | runs-06301-06400/06390 | runs-10001-10100/10044 | runs-02701-02800/02736 | runs-04501-04600/04563 | runs-08201-08300/08217 |
| p06.pddl | runs-00901-01000/00910 | runs-06301-06400/06391 | runs-10001-10100/10045 | runs-02701-02800/02737 | runs-04501-04600/04564 | runs-08201-08300/08218 |
| p07.pddl | runs-00901-01000/00911 | runs-06301-06400/06392 | runs-10001-10100/10046 | runs-02701-02800/02738 | runs-04501-04600/04565 | runs-08201-08300/08219 |
| p08.pddl | runs-00901-01000/00912 | runs-06301-06400/06393 | runs-10001-10100/10047 | runs-02701-02800/02739 | runs-04501-04600/04566 | runs-08201-08300/08220 |
| p09.pddl | runs-00901-01000/00913 | runs-06301-06400/06394 | runs-10001-10100/10048 | runs-02701-02800/02740 | runs-04501-04600/04567 | runs-08201-08300/08221 |
| p10.pddl | runs-00901-01000/00914 | runs-06301-06400/06395 | runs-10001-10100/10049 | runs-02701-02800/02741 | runs-04501-04600/04568 | runs-08201-08300/08222 |
| p11.pddl | runs-00901-01000/00915 | runs-06301-06400/06396 | runs-10001-10100/10050 | runs-02701-02800/02742 | runs-04501-04600/04569 | runs-08201-08300/08223 |
| p12.pddl | runs-00901-01000/00916 | runs-06301-06400/06397 | runs-10001-10100/10051 | runs-02701-02800/02743 | runs-04501-04600/04570 | runs-08201-08300/08224 |
| p13.pddl | runs-00901-01000/00917 | runs-06301-06400/06398 | runs-10001-10100/10052 | runs-02701-02800/02744 | runs-04501-04600/04571 | runs-08201-08300/08225 |
| p14.pddl | runs-00901-01000/00918 | runs-06301-06400/06399 | runs-10001-10100/10053 | runs-02701-02800/02745 | runs-04501-04600/04572 | runs-08201-08300/08226 |
| p15.pddl | runs-00901-01000/00919 | runs-06301-06400/06400 | runs-10001-10100/10054 | runs-02701-02800/02746 | runs-04501-04600/04573 | runs-08201-08300/08227 |
| p16.pddl | runs-00901-01000/00920 | runs-06401-06500/06401 | runs-10001-10100/10055 | runs-02701-02800/02747 | runs-04501-04600/04574 | runs-08201-08300/08228 |
| p17.pddl | runs-00901-01000/00921 | runs-06401-06500/06402 | runs-10001-10100/10056 | runs-02701-02800/02748 | runs-04501-04600/04575 | runs-08201-08300/08229 |
| p18.pddl | runs-00901-01000/00922 | runs-06401-06500/06403 | runs-10001-10100/10057 | runs-02701-02800/02749 | runs-04501-04600/04576 | runs-08201-08300/08230 |
| p19.pddl | runs-00901-01000/00923 | runs-06401-06500/06404 | runs-10001-10100/10058 | runs-02701-02800/02750 | runs-04501-04600/04577 | runs-08201-08300/08231 |
| p20.pddl | runs-00901-01000/00924 | runs-06401-06500/06405 | runs-10001-10100/10059 | runs-02701-02800/02751 | runs-04501-04600/04578 | runs-08201-08300/08232 |

## parcprinter-08-strips

| Run dir  | default                | marked                 | naive                  | psvn                   | psvn_split             | watched                |
|----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| p01.pddl | runs-00901-01000/00925 | runs-06401-06500/06406 | runs-10001-10100/10060 | runs-02701-02800/02752 | runs-04501-04600/04579 | runs-08201-08300/08233 |
| p02.pddl | runs-00901-01000/00926 | runs-06401-06500/06407 | runs-10001-10100/10061 | runs-02701-02800/02753 | runs-04501-04600/04580 | runs-08201-08300/08234 |
| p03.pddl | runs-00901-01000/00927 | runs-06401-06500/06408 | runs-10001-10100/10062 | runs-02701-02800/02754 | runs-04501-04600/04581 | runs-08201-08300/08235 |
| p04.pddl | runs-00901-01000/00928 | runs-06401-06500/06409 | runs-10001-10100/10063 | runs-02701-02800/02755 | runs-04501-04600/04582 | runs-08201-08300/08236 |
| p05.pddl | runs-00901-01000/00929 | runs-06401-06500/06410 | runs-10001-10100/10064 | runs-02701-02800/02756 | runs-04501-04600/04583 | runs-08201-08300/08237 |
| p06.pddl | runs-00901-01000/00930 | runs-06401-06500/06411 | runs-10001-10100/10065 | runs-02701-02800/02757 | runs-04501-04600/04584 | runs-08201-08300/08238 |
| p07.pddl | runs-00901-01000/00931 | runs-06401-06500/06412 | runs-10001-10100/10066 | runs-02701-02800/02758 | runs-04501-04600/04585 | runs-08201-08300/08239 |
| p08.pddl | runs-00901-01000/00932 | runs-06401-06500/06413 | runs-10001-10100/10067 | runs-02701-02800/02759 | runs-04501-04600/04586 | runs-08201-08300/08240 |
| p09.pddl | runs-00901-01000/00933 | runs-06401-06500/06414 | runs-10001-10100/10068 | runs-02701-02800/02760 | runs-04501-04600/04587 | runs-08201-08300/08241 |
| p10.pddl | runs-00901-01000/00934 | runs-06401-06500/06415 | runs-10001-10100/10069 | runs-02701-02800/02761 | runs-04501-04600/04588 | runs-08201-08300/08242 |
| p11.pddl | runs-00901-01000/00935 | runs-06401-06500/06416 | runs-10001-10100/10070 | runs-02701-02800/02762 | runs-04501-04600/04589 | runs-08201-08300/08243 |
| p12.pddl | runs-00901-01000/00936 | runs-06401-06500/06417 | runs-10001-10100/10071 | runs-02701-02800/02763 | runs-04501-04600/04590 | runs-08201-08300/08244 |
| p13.pddl | runs-00901-01000/00937 | runs-06401-06500/06418 | runs-10001-10100/10072 | runs-02701-02800/02764 | runs-04501-04600/04591 | runs-08201-08300/08245 |
| p14.pddl | runs-00901-01000/00938 | runs-06401-06500/06419 | runs-10001-10100/10073 | runs-02701-02800/02765 | runs-04501-04600/04592 | runs-08201-08300/08246 |
| p15.pddl | runs-00901-01000/00939 | runs-06401-06500/06420 | runs-10001-10100/10074 | runs-02701-02800/02766 | runs-04501-04600/04593 | runs-08201-08300/08247 |
| p16.pddl | runs-00901-01000/00940 | runs-06401-06500/06421 | runs-10001-10100/10075 | runs-02701-02800/02767 | runs-04501-04600/04594 | runs-08201-08300/08248 |
| p17.pddl | runs-00901-01000/00941 | runs-06401-06500/06422 | runs-10001-10100/10076 | runs-02701-02800/02768 | runs-04501-04600/04595 | runs-08201-08300/08249 |
| p18.pddl | runs-00901-01000/00942 | runs-06401-06500/06423 | runs-10001-10100/10077 | runs-02701-02800/02769 | runs-04501-04600/04596 | runs-08201-08300/08250 |
| p19.pddl | runs-00901-01000/00943 | runs-06401-06500/06424 | runs-10001-10100/10078 | runs-02701-02800/02770 | runs-04501-04600/04597 | runs-08201-08300/08251 |
| p20.pddl | runs-00901-01000/00944 | runs-06401-06500/06425 | runs-10001-10100/10079 | runs-02701-02800/02771 | runs-04501-04600/04598 | runs-08201-08300/08252 |
| p21.pddl | runs-00901-01000/00945 | runs-06401-06500/06426 | runs-10001-10100/10080 | runs-02701-02800/02772 | runs-04501-04600/04599 | runs-08201-08300/08253 |
| p22.pddl | runs-00901-01000/00946 | runs-06401-06500/06427 | runs-10001-10100/10081 | runs-02701-02800/02773 | runs-04501-04600/04600 | runs-08201-08300/08254 |
| p23.pddl | runs-00901-01000/00947 | runs-06401-06500/06428 | runs-10001-10100/10082 | runs-02701-02800/02774 | runs-04601-04700/04601 | runs-08201-08300/08255 |
| p24.pddl | runs-00901-01000/00948 | runs-06401-06500/06429 | runs-10001-10100/10083 | runs-02701-02800/02775 | runs-04601-04700/04602 | runs-08201-08300/08256 |
| p25.pddl | runs-00901-01000/00949 | runs-06401-06500/06430 | runs-10001-10100/10084 | runs-02701-02800/02776 | runs-04601-04700/04603 | runs-08201-08300/08257 |
| p26.pddl | runs-00901-01000/00950 | runs-06401-06500/06431 | runs-10001-10100/10085 | runs-02701-02800/02777 | runs-04601-04700/04604 | runs-08201-08300/08258 |
| p27.pddl | runs-00901-01000/00951 | runs-06401-06500/06432 | runs-10001-10100/10086 | runs-02701-02800/02778 | runs-04601-04700/04605 | runs-08201-08300/08259 |
| p28.pddl | runs-00901-01000/00952 | runs-06401-06500/06433 | runs-10001-10100/10087 | runs-02701-02800/02779 | runs-04601-04700/04606 | runs-08201-08300/08260 |
| p29.pddl | runs-00901-01000/00953 | runs-06401-06500/06434 | runs-10001-10100/10088 | runs-02701-02800/02780 | runs-04601-04700/04607 | runs-08201-08300/08261 |
| p30.pddl | runs-00901-01000/00954 | runs-06401-06500/06435 | runs-10001-10100/10089 | runs-02701-02800/02781 | runs-04601-04700/04608 | runs-08201-08300/08262 |

# parcprinter-opt11-strips

| Run dir  | default                | marked                 | naive                  | psvn                   | psvn_split             | watched                |
|----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| p01.pddl | runs-00901-01000/00955 | runs-06401-06500/06436 | runs-10001-10100/10090 | runs-02701-02800/02782 | runs-04601-04700/04609 | runs-08201-08300/08263 |
| p02.pddl | runs-00901-01000/00956 | runs-06401-06500/06437 | runs-10001-10100/10091 | runs-02701-02800/02783 | runs-04601-04700/04610 | runs-08201-08300/08264 |
| p03.pddl | runs-00901-01000/00957 | runs-06401-06500/06438 | runs-10001-10100/10092 | runs-02701-02800/02784 | runs-04601-04700/04611 | runs-08201-08300/08265 |
| p04.pddl | runs-00901-01000/00958 | runs-06401-06500/06439 | runs-10001-10100/10093 | runs-02701-02800/02785 | runs-04601-04700/04612 | runs-08201-08300/08266 |
| p05.pddl | runs-00901-01000/00959 | runs-06401-06500/06440 | runs-10001-10100/10094 | runs-02701-02800/02786 | runs-04601-04700/04613 | runs-08201-08300/08267 |
| p06.pddl | runs-00901-01000/00960 | runs-06401-06500/06441 | runs-10001-10100/10095 | runs-02701-02800/02787 | runs-04601-04700/04614 | runs-08201-08300/08268 |
| p07.pddl | runs-00901-01000/00961 | runs-06401-06500/06442 | runs-10001-10100/10096 | runs-02701-02800/02788 | runs-04601-04700/04615 | runs-08201-08300/08269 |
| p08.pddl | runs-00901-01000/00962 | runs-06401-06500/06443 | runs-10001-10100/10097 | runs-02701-02800/02789 | runs-04601-04700/04616 | runs-08201-08300/08270 |
| p09.pddl | runs-00901-01000/00963 | runs-06401-06500/06444 | runs-10001-10100/10098 | runs-02701-02800/02790 | runs-04601-04700/04617 | runs-08201-08300/08271 |
| p10.pddl | runs-00901-01000/00964 | runs-06401-06500/06445 | runs-10001-10100/10099 | runs-02701-02800/02791 | runs-04601-04700/04618 | runs-08201-08300/08272 |
| p11.pddl | runs-00901-01000/00965 | runs-06401-06500/06446 | runs-10001-10100/10100 | runs-02701-02800/02792 | runs-04601-04700/04619 | runs-08201-08300/08273 |
| p12.pddl | runs-00901-01000/00966 | runs-06401-06500/06447 | runs-10101-10200/10101 | runs-02701-02800/02793 | runs-04601-04700/04620 | runs-08201-08300/08274 |
| p13.pddl | runs-00901-01000/00967 | runs-06401-06500/06448 | runs-10101-10200/10102 | runs-02701-02800/02794 | runs-04601-04700/04621 | runs-08201-08300/08275 |
| p14.pddl | runs-00901-01000/00968 | runs-06401-06500/06449 | runs-10101-10200/10103 | runs-02701-02800/02795 | runs-04601-04700/04622 | runs-08201-08300/08276 |
| p15.pddl | runs-00901-01000/00969 | runs-06401-06500/06450 | runs-10101-10200/10104 | runs-02701-02800/02796 | runs-04601-04700/04623 | runs-08201-08300/08277 |
| p16.pddl | runs-00901-01000/00970 | runs-06401-06500/06451 | runs-10101-10200/10105 | runs-02701-02800/02797 | runs-04601-04700/04624 | runs-08201-08300/08278 |
| p17.pddl | runs-00901-01000/00971 | runs-06401-06500/06452 | runs-10101-10200/10106 | runs-02701-02800/02798 | runs-04601-04700/04625 | runs-08201-08300/08279 |
| p18.pddl | runs-00901-01000/00972 | runs-06401-06500/06453 | runs-10101-10200/10107 | runs-02701-02800/02799 | runs-04601-04700/04626 | runs-08201-08300/08280 |
| p19.pddl | runs-00901-01000/00973 | runs-06401-06500/06454 | runs-10101-10200/10108 | runs-02701-02800/02800 | runs-04601-04700/04627 | runs-08201-08300/08281 |
| p20.pddl | runs-00901-01000/00974 | runs-06401-06500/06455 | runs-10101-10200/10109 | runs-02801-02900/02801 | runs-04601-04700/04628 | runs-08201-08300/08282 |

## parking-opt11-strips

| Run dir          | default                | marked                 | naive                  | psvn                   | psvn_split             | watched                |
|------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| pfile03-011.pddl | runs-00901-01000/00975 | runs-06401-06500/06456 | runs-10101-10200/10110 | runs-02801-02900/02802 | runs-04601-04700/04629 | runs-08201-08300/08283 |
| pfile03-012.pddl | runs-00901-01000/00976 | runs-06401-06500/06457 | runs-10101-10200/10111 | runs-02801-02900/02803 | runs-04601-04700/04630 | runs-08201-08300/08284 |
| pfile04-013.pddl | runs-00901-01000/00977 | runs-06401-06500/06458 | runs-10101-10200/10112 | runs-02801-02900/02804 | runs-04601-04700/04631 | runs-08201-08300/08285 |
| pfile04-014.pddl | runs-00901-01000/00978 | runs-06401-06500/06459 | runs-10101-10200/10113 | runs-02801-02900/02805 | runs-04601-04700/04632 | runs-08201-08300/08286 |
| pfile04-015.pddl | runs-00901-01000/00979 | runs-06401-06500/06460 | runs-10101-10200/10114 | runs-02801-02900/02806 | runs-04601-04700/04633 | runs-08201-08300/08287 |
| pfile04-016.pddl | runs-00901-01000/00980 | runs-06401-06500/06461 | runs-10101-10200/10115 | runs-02801-02900/02807 | runs-04601-04700/04634 | runs-08201-08300/08288 |
| pfile05-017.pddl | runs-00901-01000/00981 | runs-06401-06500/06462 | runs-10101-10200/10116 | runs-02801-02900/02808 | runs-04601-04700/04635 | runs-08201-08300/08289 |
| pfile05-018.pddl | runs-00901-01000/00982 | runs-06401-06500/06463 | runs-10101-10200/10117 | runs-02801-02900/02809 | runs-04601-04700/04636 | runs-08201-08300/08290 |
| pfile05-019.pddl | runs-00901-01000/00983 | runs-06401-06500/06464 | runs-10101-10200/10118 | runs-02801-02900/02810 | runs-04601-04700/04637 | runs-08201-08300/08291 |
| pfile05-020.pddl | runs-00901-01000/00984 | runs-06401-06500/06465 | runs-10101-10200/10119 | runs-02801-02900/02811 | runs-04601-04700/04638 | runs-08201-08300/08292 |
| pfile06-021.pddl | runs-00901-01000/00985 | runs-06401-06500/06466 | runs-10101-10200/10120 | runs-02801-02900/02812 | runs-04601-04700/04639 | runs-08201-08300/08293 |
| pfile06-022.pddl | runs-00901-01000/00986 | runs-06401-06500/06467 | runs-10101-10200/10121 | runs-02801-02900/02813 | runs-04601-04700/04640 | runs-08201-08300/08294 |
| pfile06-023.pddl | runs-00901-01000/00987 | runs-06401-06500/06468 | runs-10101-10200/10122 | runs-02801-02900/02814 | runs-04601-04700/04641 | runs-08201-08300/08295 |
| pfile06-024.pddl | runs-00901-01000/00988 | runs-06401-06500/06469 | runs-10101-10200/10123 | runs-02801-02900/02815 | runs-04601-04700/04642 | runs-08201-08300/08296 |
| pfile07-025.pddl | runs-00901-01000/00989 | runs-06401-06500/06470 | runs-10101-10200/10124 | runs-02801-02900/02816 | runs-04601-04700/04643 | runs-08201-08300/08297 |
| pfile07-026.pddl | runs-00901-01000/00990 | runs-06401-06500/06471 | runs-10101-10200/10125 | runs-02801-02900/02817 | runs-04601-04700/04644 | runs-08201-08300/08298 |
| pfile07-027.pddl | runs-00901-01000/00991 | runs-06401-06500/06472 | runs-10101-10200/10126 | runs-02801-02900/02818 | runs-04601-04700/04645 | runs-08201-08300/08299 |
| pfile07-028.pddl | runs-00901-01000/00992 | runs-06401-06500/06473 | runs-10101-10200/10127 | runs-02801-02900/02819 | runs-04601-04700/04646 | runs-08201-08300/08300 |
| pfile08-029.pddl | runs-00901-01000/00993 | runs-06401-06500/06474 | runs-10101-10200/10128 | runs-02801-02900/02820 | runs-04601-04700/04647 | runs-08301-08400/08301 |
| pfile08-030.pddl | runs-00901-01000/00994 | runs-06401-06500/06475 | runs-10101-10200/10129 | runs-02801-02900/02821 | runs-04601-04700/04648 | runs-08301-08400/08302 |

## parking-opt14-strips

| Run dir         | default                | marked                 | naive                  | psvn                   | psvn_split             | watched                |
|-----------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| p_12_7-01.pddl  | runs-00901-01000/00995 | runs-06401-06500/06476 | runs-10101-10200/10130 | runs-02801-02900/02822 | runs-04601-04700/04649 | runs-08301-08400/08303 |
| p_12_7-02.pddl  | runs-00901-01000/00996 | runs-06401-06500/06477 | runs-10101-10200/10131 | runs-02801-02900/02823 | runs-04601-04700/04650 | runs-08301-08400/08304 |
| p_12_7-03.pddl  | runs-00901-01000/00997 | runs-06401-06500/06478 | runs-10101-10200/10132 | runs-02801-02900/02824 | runs-04601-04700/04651 | runs-08301-08400/08305 |
| p_12_7-04.pddl  | runs-00901-01000/00998 | runs-06401-06500/06479 | runs-10101-10200/10133 | runs-02801-02900/02825 | runs-04601-04700/04652 | runs-08301-08400/08306 |
| p_14_8-01.pddl  | runs-00901-01000/00999 | runs-06401-06500/06480 | runs-10101-10200/10134 | runs-02801-02900/02826 | runs-04601-04700/04653 | runs-08301-08400/08307 |
| p_14_8-02.pddl  | runs-00901-01000/01000 | runs-06401-06500/06481 | runs-10101-10200/10135 | runs-02801-02900/02827 | runs-04601-04700/04654 | runs-08301-08400/08308 |
| p_14_8-03.pddl  | runs-01001-01100/01001 | runs-06401-06500/06482 | runs-10101-10200/10136 | runs-02801-02900/02828 | runs-04601-04700/04655 | runs-08301-08400/08309 |
| p_14_8-04.pddl  | runs-01001-01100/01002 | runs-06401-06500/06483 | runs-10101-10200/10137 | runs-02801-02900/02829 | runs-04601-04700/04656 | runs-08301-08400/08310 |
| p_16_9-01.pddl  | runs-01001-01100/01003 | runs-06401-06500/06484 | runs-10101-10200/10138 | runs-02801-02900/02830 | runs-04601-04700/04657 | runs-08301-08400/08311 |
| p_16_9-02.pddl  | runs-01001-01100/01004 | runs-06401-06500/06485 | runs-10101-10200/10139 | runs-02801-02900/02831 | runs-04601-04700/04658 | runs-08301-08400/08312 |
| p_16_9-03.pddl  | runs-01001-01100/01005 | runs-06401-06500/06486 | runs-10101-10200/10140 | runs-02801-02900/02832 | runs-04601-04700/04659 | runs-08301-08400/08313 |
| p_16_9-04.pddl  | runs-01001-01100/01006 | runs-06401-06500/06487 | runs-10101-10200/10141 | runs-02801-02900/02833 | runs-04601-04700/04660 | runs-08301-08400/08314 |
| p_18_10-01.pddl | runs-01001-01100/01007 | runs-06401-06500/06488 | runs-10101-10200/10142 | runs-02801-02900/02834 | runs-04601-04700/04661 | runs-08301-08400/08315 |
| p_18_10-02.pddl | runs-01001-01100/01008 | runs-06401-06500/06489 | runs-10101-10200/10143 | runs-02801-02900/02835 | runs-04601-04700/04662 | runs-08301-08400/08316 |
| p_18_10-03.pddl | runs-01001-01100/01009 | runs-06401-06500/06490 | runs-10101-10200/10144 | runs-02801-02900/02836 | runs-04601-04700/04663 | runs-08301-08400/08317 |
| p_18_10-04.pddl | runs-01001-01100/01010 | runs-06401-06500/06491 | runs-10101-10200/10145 | runs-02801-02900/02837 | runs-04601-04700/04664 | runs-08301-08400/08318 |
| p_20_11-01.pddl | runs-01001-01100/01011 | runs-06401-06500/06492 | runs-10101-10200/10146 | runs-02801-02900/02838 | runs-04601-04700/04665 | runs-08301-08400/08319 |
| p_20_11-02.pddl | runs-01001-01100/01012 | runs-06401-06500/06493 | runs-10101-10200/10147 | runs-02801-02900/02839 | runs-04601-04700/04666 | runs-08301-08400/08320 |
| p_20_11-03.pddl | runs-01001-01100/01013 | runs-06401-06500/06494 | runs-10101-10200/10148 | runs-02801-02900/02840 | runs-04601-04700/04667 | runs-08301-08400/08321 |
| p_20_11-04.pddl | runs-01001-01100/01014 | runs-06401-06500/06495 | runs-10101-10200/10149 | runs-02801-02900/02841 | runs-04601-04700/04668 | runs-08301-08400/08322 |

| Run dir  | default                | marked                 | naive                  | psvn                   | psvn_split             | watched                |
|----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| p01.pddl | runs-01001-01100/01015 | runs-06401-06500/06496 | runs-10101-10200/10150 | runs-02801-02900/02842 | runs-04601-04700/04669 | runs-08301-08400/08323 |
| p02.pddl | runs-01001-01100/01016 | runs-06401-06500/06497 | runs-10101-10200/10151 | runs-02801-02900/02843 | runs-04601-04700/04670 | runs-08301-08400/08324 |
| p03.pddl | runs-01001-01100/01017 | runs-06401-06500/06498 | runs-10101-10200/10152 | runs-02801-02900/02844 | runs-04601-04700/04671 | runs-08301-08400/08325 |
| p04.pddl | runs-01001-01100/01018 | runs-06401-06500/06499 | runs-10101-10200/10153 | runs-02801-02900/02845 | runs-04601-04700/04672 | runs-08301-08400/08326 |
| p05.pddl | runs-01001-01100/01019 | runs-06401-06500/06500 | runs-10101-10200/10154 | runs-02801-02900/02846 | runs-04601-04700/04673 | runs-08301-08400/08327 |
| p06.pddl | runs-01001-01100/01020 | runs-06501-06600/06501 | runs-10101-10200/10155 | runs-02801-02900/02847 | runs-04601-04700/04674 | runs-08301-08400/08328 |
| p07.pddl | runs-01001-01100/01021 | runs-06501-06600/06502 | runs-10101-10200/10156 | runs-02801-02900/02848 | runs-04601-04700/04675 | runs-08301-08400/08329 |
| p08.pddl | runs-01001-01100/01022 | runs-06501-06600/06503 | runs-10101-10200/10157 | runs-02801-02900/02849 | runs-04601-04700/04676 | runs-08301-08400/08330 |
| p09.pddl | runs-01001-01100/01023 | runs-06501-06600/06504 | runs-10101-10200/10158 | runs-02801-02900/02850 | runs-04601-04700/04677 | runs-08301-08400/08331 |
| p10.pddl | runs-01001-01100/01024 | runs-06501-06600/06505 | runs-10101-10200/10159 | runs-02801-02900/02851 | runs-04601-04700/04678 | runs-08301-08400/08332 |
| p11.pddl | runs-01001-01100/01025 | runs-06501-06600/06506 | runs-10101-10200/10160 | runs-02801-02900/02852 | runs-04601-04700/04679 | runs-08301-08400/08333 |
| p12.pddl | runs-01001-01100/01026 | runs-06501-06600/06507 | runs-10101-10200/10161 | runs-02801-02900/02853 | runs-04601-04700/04680 | runs-08301-08400/08334 |
| p13.pddl | runs-01001-01100/01027 | runs-06501-06600/06508 | runs-10101-10200/10162 | runs-02801-02900/02854 | runs-04601-04700/04681 | runs-08301-08400/08335 |
| p14.pddl | runs-01001-01100/01028 | runs-06501-06600/06509 | runs-10101-10200/10163 | runs-02801-02900/02855 | runs-04601-04700/04682 | runs-08301-08400/08336 |
| p15.pddl | runs-01001-01100/01029 | runs-06501-06600/06510 | runs-10101-10200/10164 | runs-02801-02900/02856 | runs-04601-04700/04683 | runs-08301-08400/08337 |
| p16.pddl | runs-01001-01100/01030 | runs-06501-06600/06511 | runs-10101-10200/10165 | runs-02801-02900/02857 | runs-04601-04700/04684 | runs-08301-08400/08338 |
| p17.pddl | runs-01001-01100/01031 | runs-06501-06600/06512 | runs-10101-10200/10166 | runs-02801-02900/02858 | runs-04601-04700/04685 | runs-08301-08400/08339 |
| p18.pddl | runs-01001-01100/01032 | runs-06501-06600/06513 | runs-10101-10200/10167 | runs-02801-02900/02859 | runs-04601-04700/04686 | runs-08301-08400/08340 |
| p19.pddl | runs-01001-01100/01033 | runs-06501-06600/06514 | runs-10101-10200/10168 | runs-02801-02900/02860 | runs-04601-04700/04687 | runs-08301-08400/08341 |
| p20.pddl | runs-01001-01100/01034 | runs-06501-06600/06515 | runs-10101-10200/10169 | runs-02801-02900/02861 | runs-04601-04700/04688 | runs-08301-08400/08342 |
| p21.pddl | runs-01001-01100/01035 | runs-06501-06600/06516 | runs-10101-10200/10170 | runs-02801-02900/02862 | runs-04601-04700/04689 | runs-08301-08400/08343 |
| p22.pddl | runs-01001-01100/01036 | runs-06501-06600/06517 | runs-10101-10200/10171 | runs-02801-02900/02863 | runs-04601-04700/04690 | runs-08301-08400/08344 |
| p23.pddl | runs-01001-01100/01037 | runs-06501-06600/06518 | runs-10101-10200/10172 | runs-02801-02900/02864 | runs-04601-04700/04691 | runs-08301-08400/08345 |
| p24.pddl | runs-01001-01100/01038 | runs-06501-06600/06519 | runs-10101-10200/10173 | runs-02801-02900/02865 | runs-04601-04700/04692 | runs-08301-08400/08346 |
| p25.pddl | runs-01001-01100/01039 | runs-06501-06600/06520 | runs-10101-10200/10174 | runs-02801-02900/02866 | runs-04601-04700/04693 | runs-08301-08400/08347 |
| p26.pddl | runs-01001-01100/01040 | runs-06501-06600/06521 | runs-10101-10200/10175 | runs-02801-02900/02867 | runs-04601-            |                        |



## pegsol-08-strips

| Run dir  | default                | marked                 | naive                  | psvn                   | psvn_split             | watched                |
|----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| p01.pddl | runs-01001-01100/01045 | runs-06501-06600/06526 | runs-10101-10200/10180 | runs-02801-02900/02872 | runs-04601-04700/04699 | runs-08301-08400/08353 |
| p02.pddl | runs-01001-01100/01046 | runs-06501-06600/06527 | runs-10101-10200/10181 | runs-02801-02900/02873 | runs-04601-04700/04700 | runs-08301-08400/08354 |
| p03.pddl | runs-01001-01100/01047 | runs-06501-06600/06528 | runs-10101-10200/10182 | runs-02801-02900/02874 | runs-04701-04800/04701 | runs-08301-08400/08355 |
| p04.pddl | runs-01001-01100/01048 | runs-06501-06600/06529 | runs-10101-10200/10183 | runs-02801-02900/02875 | runs-04701-04800/04702 | runs-08301-08400/08356 |
| p05.pddl | runs-01001-01100/01049 | runs-06501-06600/06530 | runs-10101-10200/10184 | runs-02801-02900/02876 | runs-04701-04800/04703 | runs-08301-08400/08357 |
| p06.pddl | runs-01001-01100/01050 | runs-06501-06600/06531 | runs-10101-10200/10185 | runs-02801-02900/02877 | runs-04701-04800/04704 | runs-08301-08400/08358 |
| p07.pddl | runs-01001-01100/01051 | runs-06501-06600/06532 | runs-10101-10200/10186 | runs-02801-02900/02878 | runs-04701-04800/04705 | runs-08301-08400/08359 |
| p08.pddl | runs-01001-01100/01052 | runs-06501-06600/06533 | runs-10101-10200/10187 | runs-02801-02900/02879 | runs-04701-04800/04706 | runs-08301-08400/08360 |
| p09.pddl | runs-01001-01100/01053 | runs-06501-06600/06534 | runs-10101-10200/10188 | runs-02801-02900/02880 | runs-04701-04800/04707 | runs-08301-08400/08361 |
| p10.pddl | runs-01001-01100/01054 | runs-06501-06600/06535 | runs-10101-10200/10189 | runs-02801-02900/02881 | runs-04701-04800/04708 | runs-08301-08400/08362 |
| p11.pddl | runs-01001-01100/01055 | runs-06501-06600/06536 | runs-10101-10200/10190 | runs-02801-02900/02882 | runs-04701-04800/04709 | runs-08301-08400/08363 |
| p12.pddl | runs-01001-01100/01056 | runs-06501-06600/06537 | runs-10101-10200/10191 | runs-02801-02900/02883 | runs-04701-04800/04710 | runs-08301-08400/08364 |
| p13.pddl | runs-01001-01100/01057 | runs-06501-06600/06538 | runs-10101-10200/10192 | runs-02801-02900/02884 | runs-04701-04800/04711 | runs-08301-08400/08365 |
| p14.pddl | runs-01001-01100/01058 | runs-06501-06600/06539 | runs-10101-10200/10193 | runs-02801-02900/02885 | runs-04701-04800/04712 | runs-08301-08400/08366 |
| p15.pddl | runs-01001-01100/01059 | runs-06501-06600/06540 | runs-10101-10200/10194 | runs-02801-02900/02886 | runs-04701-04800/04713 | runs-08301-08400/08367 |
| p16.pddl | runs-01001-01100/01060 | runs-06501-06600/06541 | runs-10101-10200/10195 | runs-02801-02900/02887 | runs-04701-04800/04714 | runs-08301-08400/08368 |
| p17.pddl | runs-01001-01100/01061 | runs-06501-06600/06542 | runs-10101-10200/10196 | runs-02801-02900/02888 | runs-04701-04800/04715 | runs-08301-08400/08369 |
| p18.pddl | runs-01001-01100/01062 | runs-06501-06600/06543 | runs-10101-10200/10197 | runs-02801-02900/02889 | runs-04701-04800/04716 | runs-08301-08400/08370 |
| p19.pddl | runs-01001-01100/01063 | runs-06501-06600/06544 | runs-10101-10200/10198 | runs-02801-02900/02890 | runs-04701-04800/04717 | runs-08301-08400/08371 |
| p20.pddl | runs-01001-01100/01064 | runs-06501-06600/06545 | runs-10101-10200/10199 | runs-02801-02900/02891 | runs-04701-04800/04718 | runs-08301-08400/08372 |
| p21.pddl | runs-01001-01100/01065 | runs-06501-06600/06546 | runs-10101-10200/10200 | runs-02801-02900/02892 | runs-04701-04800/04719 | runs-08301-08400/08373 |
| p22.pddl | runs-01001-01100/01066 | runs-06501-06600/06547 | runs-10201-10300/10201 | runs-02801-02900/02893 | runs-04701-04800/04720 | runs-08301-08400/08374 |
| p23.pddl | runs-01001-01100/01067 | runs-06501-06600/06548 | runs-10201-10300/10202 | runs-02801-02900/02894 | runs-04701-04800/04721 | runs-08301-08400/08375 |
| p24.pddl | runs-01001-01100/01068 | runs-06501-06600/06549 | runs-10201-10300/10203 | runs-02801-02900/02895 | runs-04701-04800/04722 | runs-08301-08400/08376 |
| p25.pddl | runs-01001-01100/01069 | runs-06501-06600/06550 | runs-10201-10300/10204 | runs-02801-02900/02896 | runs-04701-04800/04723 | runs-08301-08400/08377 |
| p26.pddl | runs-01001-01100/01070 | runs-06501-06600/06551 | runs-10201-10300/10205 | runs-02801-02900/02897 | runs-04701-04800/04724 | runs-08301-08400/08378 |
| p27.pddl | runs-01001-01100/01071 | runs-06501-06600/06552 | runs-10201-10300/10206 | runs-02801-02900/02898 | runs-04701-04800/04725 | runs-08301-08400/08379 |
| p28.pddl | runs-01001-01100/01072 | runs-06501-06600/06553 | runs-10201-10300/10207 | runs-02801-02900/02899 | runs-04701-04800/04726 | runs-08301-08400/08380 |
| p29.pddl | runs-01001-01100/01073 | runs-06501-06600/06554 | runs-10201-10300/10208 | runs-02801-02900/02900 | runs-04701-04800/04727 | runs-08301-08400/08381 |
| p30.pddl | runs-01001-01100/01074 | runs-06501-06600/06555 | runs-10201-10300/10209 | runs-02901-03000/02901 | runs-04701-04800/04728 | runs-08301-08400/08382 |

## pegsol-opt11-strips

| Run dir  | default                | marked                 | naive                  | psvn                   | psvn_split             | watched                |
|----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| p01.pddl | runs-01001-01100/01075 | runs-06501-06600/06556 | runs-10201-10300/10210 | runs-02901-03000/02902 | runs-04701-04800/04729 | runs-08301-08400/08383 |
| p02.pddl | runs-01001-01100/01076 | runs-06501-06600/06557 | runs-10201-10300/10211 | runs-02901-03000/02903 | runs-04701-04800/04730 | runs-08301-08400/08384 |
| p03.pddl | runs-01001-01100/01077 | runs-06501-06600/06558 | runs-10201-10300/10212 | runs-02901-03000/02904 | runs-04701-04800/04731 | runs-08301-08400/08385 |
| p04.pddl | runs-01001-01100/01078 | runs-06501-06600/06559 | runs-10201-10300/10213 | runs-02901-03000/02905 | runs-04701-04800/04732 | runs-08301-08400/08386 |
| p05.pddl | runs-01001-01100/01079 | runs-06501-06600/06560 | runs-10201-10300/10214 | runs-02901-03000/02906 | runs-04701-04800/04733 | runs-08301-08400/08387 |
| p06.pddl | runs-01001-01100/01080 | runs-06501-06600/06561 | runs-10201-10300/10215 | runs-02901-03000/02907 | runs-04701-04800/04734 | runs-08301-08400/08388 |
| p07.pddl | runs-01001-01100/01081 | runs-06501-06600/06562 | runs-10201-10300/10216 | runs-02901-03000/02908 | runs-04701-04800/04735 | runs-08301-08400/08389 |
| p08.pddl | runs-01001-01100/01082 | runs-06501-06600/06563 | runs-10201-10300/10217 | runs-02901-03000/02909 | runs-04701-04800/04736 | runs-08301-08400/08390 |
| p09.pddl | runs-01001-01100/01083 | runs-06501-06600/06564 | runs-10201-10300/10218 | runs-02901-03000/02910 | runs-04701-04800/04737 | runs-08301-08400/08391 |
| p10.pddl | runs-01001-01100/01084 | runs-06501-06600/06565 | runs-10201-10300/10219 | runs-02901-03000/02911 | runs-04701-04800/04738 | runs-08301-08400/08392 |
| p11.pddl | runs-01001-01100/01085 | runs-06501-06600/06566 | runs-10201-10300/10220 | runs-02901-03000/02912 | runs-04701-04800/04739 | runs-08301-08400/08393 |
| p12.pddl | runs-01001-01100/01086 | runs-06501-06600/06567 | runs-10201-10300/10221 | runs-02901-03000/02913 | runs-04701-04800/04740 | runs-08301-08400/08394 |
| p13.pddl | runs-01001-01100/01087 | runs-06501-06600/06568 | runs-10201-10300/10222 | runs-02901-03000/02914 | runs-04701-04800/04741 | runs-08301-08400/08395 |
| p14.pddl | runs-01001-01100/01088 | runs-06501-06600/06569 | runs-10201-10300/10223 | runs-02901-03000/02915 | runs-04701-04800/04742 | runs-08301-08400/08396 |
| p15.pddl | runs-01001-01100/01089 | runs-06501-06600/06570 | runs-10201-10300/10224 | runs-02901-03000/02916 | runs-04701-04800/04743 | runs-08301-08400/08397 |
| p16.pddl | runs-01001-01100/01090 | runs-06501-06600/06571 | runs-10201-10300/10225 | runs-02901-03000/02917 | runs-04701-04800/04744 | runs-08301-08400/08398 |
| p17.pddl | runs-01001-01100/01091 | runs-06501-06600/06572 | runs-10201-10300/10226 | runs-02901-03000/02918 | runs-04701-04800/04745 | runs-08301-08400/08399 |
| p18.pddl | runs-01001-01100/01092 | runs-06501-06600/06573 | runs-10201-10300/10227 | runs-02901-03000/02919 | runs-04701-04800/04746 | runs-08301-08400/08400 |
| p19.pddl | runs-01001-01100/01093 | runs-06501-06600/06574 | runs-10201-10300/10228 | runs-02901-03000/02920 | runs-04701-04800/04747 | runs-08401-08500/08401 |
| p20.pddl | runs-01001-01100/01094 | runs-06501-06600/06575 | runs-10201-10300/10229 | runs-02901-03000/02921 | runs-04701-04800/04748 | runs-08401-08500/08402 |

# petri-net-alignment-opt18-strips

| Run dir  | default                | marked                 | naive                  | psvn                   | psvn_split             | watched                |
|----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| p01.pddl | runs-01001-01100/01095 | runs-06501-06600/06576 | runs-10201-10300/10230 | runs-02901-03000/02922 | runs-04701-04800/04749 | runs-08401-08500/08403 |
| p02.pddl | runs-01001-01100/01096 | runs-06501-06600/06577 | runs-10201-10300/10231 | runs-02901-03000/02923 | runs-04701-04800/04750 | runs-08401-08500/08404 |
| p03.pddl | runs-01001-01100/01097 | runs-06501-06600/06578 | runs-10201-10300/10232 | runs-02901-03000/02924 | runs-04701-04800/04751 | runs-08401-08500/08405 |
| p04.pddl | runs-01001-01100/01098 | runs-06501-06600/06579 | runs-10201-10300/10233 | runs-02901-03000/02925 | runs-04701-04800/04752 | runs-08401-08500/08406 |
| p05.pddl | runs-01001-01100/01099 | runs-06501-06600/06580 | runs-10201-10300/10234 | runs-02901-03000/02926 | runs-04701-04800/04753 | runs-08401-08500/08407 |
| p06.pddl | runs-01001-01100/01100 | runs-06501-06600/06581 | runs-10201-10300/10235 | runs-02901-03000/02927 | runs-04701-04800/04754 | runs-08401-08500/08408 |
| p07.pddl | runs-01101-01200/01101 | runs-06501-06600/06582 | runs-10201-10300/10236 | runs-02901-03000/02928 | runs-04701-04800/04755 | runs-08401-08500/08409 |
| p08.pddl | runs-01101-01200/01102 | runs-06501-06600/06583 | runs-10201-10300/10237 | runs-02901-03000/02929 | runs-04701-04800/04756 | runs-08401-08500/08410 |
| p09.pddl | runs-01101-01200/01103 | runs-06501-06600/06584 | runs-10201-10300/10238 | runs-02901-03000/02930 | runs-04701-04800/04757 | runs-08401-08500/08411 |
| p10.pddl | runs-01101-01200/01104 | runs-06501-06600/06585 | runs-10201-10300/10239 | runs-02901-03000/02931 | runs-04701-04800/04758 | runs-08401-08500/08412 |
| p11.pddl | runs-01101-01200/01105 | runs-06501-06600/06586 | runs-10201-10300/10240 | runs-02901-03000/02932 | runs-04701-04800/04759 | runs-08401-08500/08413 |
| p12.pddl | runs-01101-01200/01106 | runs-06501-06600/06587 | runs-10201-10300/10241 | runs-02901-03000/02933 | runs-04701-04800/04760 | runs-08401-08500/08414 |
| p13.pddl | runs-01101-01200/01107 | runs-06501-06600/06588 | runs-10201-10300/10242 | runs-02901-03000/02934 | runs-04701-04800/04761 | runs-08401-08500/08415 |
| p14.pddl | runs-01101-01200/01108 | runs-06501-06600/06589 | runs-10201-10300/10243 | runs-02901-03000/02935 | runs-04701-04800/04762 | runs-08401-08500/08416 |
| p15.pddl | runs-01101-01200/01109 | runs-06501-06600/06590 | runs-10201-10300/10244 | runs-02901-03000/02936 | runs-04701-04800/04763 | runs-08401-08500/08417 |
| p16.pddl | runs-01101-01200/01110 | runs-06501-06600/06591 | runs-10201-10300/10245 | runs-02901-03000/02937 | runs-04701-04800/04764 | runs-08401-08500/08418 |
| p17.pddl | runs-01101-01200/01111 | runs-06501-06600/06592 | runs-10201-10300/10246 | runs-02901-03000/02938 | runs-04701-04800/04765 | runs-08401-08500/08419 |
| p18.pddl | runs-01101-01200/01112 | runs-06501-06600/06593 | runs-10201-10300/10247 | runs-02901-03000/02939 | runs-04701-04800/04766 | runs-08401-08500/08420 |
| p19.pddl | runs-01101-01200/01113 | runs-06501-06600/06594 | runs-10201-10300/10248 | runs-02901-03000/02940 | runs-04701-04800/04767 | runs-08401-08500/08421 |
| p20.pddl | runs-01101-01200/01114 | runs-06501-06600/06595 | runs-10201-10300/10249 | runs-02901-03000/02941 | runs-04701-04800/04768 | runs-08401-08500/08422 |

| Run dir | default | marked | naive | psvn | psvn_split | watched |
|---------|---------|--------|-------|------|------------|---------|
|---------|---------|--------|-------|------|------------|---------|

|                      |                        |                        |                        |                        |                        |                        |
|----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| p01-net1-b6-g2.pddl  | runs-01101-01200/01115 | runs-06501-06600/06596 | runs-10201-10300/10250 | runs-02901-03000/02942 | runs-04701-04800/04769 | runs-08401-08500/08423 |
| p02-net1-b6-g4.pddl  | runs-01101-01200/01116 | runs-06501-06600/06597 | runs-10201-10300/10251 | runs-02901-03000/02943 | runs-04701-04800/04770 | runs-08401-08500/08424 |
| p03-net1-b8-g3.pddl  | runs-01101-01200/01117 | runs-06501-06600/06598 | runs-10201-10300/10252 | runs-02901-03000/02944 | runs-04701-04800/04771 | runs-08401-08500/08425 |
| p04-net1-b8-g5.pddl  | runs-01101-01200/01118 | runs-06501-06600/06599 | runs-10201-10300/10253 | runs-02901-03000/02945 | runs-04701-04800/04772 | runs-08401-08500/08426 |
| p05-net1-b10-g4.pddl | runs-01101-01200/01119 | runs-06501-06600/06600 | runs-10201-10300/10254 | runs-02901-03000/02946 | runs-04701-04800/04773 | runs-08401-08500/08427 |
| p06-net1-b10-g6.pddl | runs-01101-01200/01120 | runs-06601-06700/06601 | runs-10201-10300/10255 | runs-02901-03000/02947 | runs-04701-04800/04774 | runs-08401-08500/08428 |
| p07-net1-b12-g5.pddl | runs-01101-01200/01121 | runs-06601-06700/06602 | runs-10201-10300/10256 | runs-02901-03000/02948 | runs-04701-04800/04775 | runs-08401-08500/08429 |
| p08-net1-b12-g7.pddl | runs-01101-01200/01122 | runs-06601-06700/06603 | runs-10201-10300/10257 | runs-02901-03000/02949 | runs-04701-04800/04776 | runs-08401-08500/08430 |
| p09-net1-b14-g6.pddl | runs-01101-01200/01123 | runs-06601-06700/06604 | runs-10201-10300/10258 | runs-02901-03000/02950 | runs-04701-04800/04777 | runs-08401-08500/08431 |
| p10-net1-b14-g8.pddl | runs-01101-01200/01124 | runs-06601-06700/06605 | runs-10201-10300/10259 | runs-02901-03000/02951 | runs-04701-04800/04778 | runs-08401-08500/08432 |
| p11-net2-b10-g2.pddl | runs-01101-01200/01125 | runs-06601-06700/06606 | runs-10201-10300/10260 | runs-02901-03000/02952 | runs-04701-04800/04779 | runs-08401-08500/08433 |
| p12-net2-b10-g4.pddl | runs-01101-01200/01126 | runs-06601-06700/06607 | runs-10201-10300/10261 | runs-02901-03000/02953 | runs-04701-04800/04780 | runs-08401-08500/08434 |
| p13-net2-b12-g3.pddl | runs-01101-01200/01127 | runs-06601-06700/06608 | runs-10201-10300/10262 | runs-02901-03000/02954 | runs-04701-04800/04781 | runs-08401-08500/08435 |
| p14-net2-b12-g5.pddl | runs-01101-01200/01128 | runs-06601-06700/06609 | runs-10201-10300/10263 | runs-02901-03000/02955 | runs-04701-04800/04782 | runs-08401-08500/08436 |
| p15-net2-b14-g4.pddl | runs-01101-01200/01129 | runs-06601-06700/06610 | runs-10201-10300/10264 | runs-02901-03000/02956 | runs-04701-04800/04783 | runs-08401-08500/08437 |
| p16-net2-b14-g6.pddl | runs-01101-01200/01130 | runs-06601-06700/06611 | runs-10201-10300/10265 | runs-02901-03000/02957 | runs-04701-04800/04784 | runs-08401-08500/08438 |
| p17-net2-b16-g5.pddl | runs-01101-01200/01131 | runs-06601-06700/06612 | runs-10201-10300/10266 | runs-02901-03000/02958 | runs-04701-04800/04785 | runs-08401-08500/08439 |
| p18-net2-b16-g7.pddl | runs-01101-01200/01132 | runs-06601-06700/06613 | runs-10201-10300/10267 | runs-02901-03000/02959 | runs-04701-04800/04786 | runs-08401-08500/08440 |
| p19-net2-b18-g6.pddl | runs-01101-01200/01133 | runs-06601-06700/06614 | runs-10201-10300/10268 | runs-02901-03000/02960 | runs-04701-04800/04787 | runs-08401-08500/08441 |
| p20-net2-b18-g8.pddl | runs-01101-01200/01134 | runs-06601-06700/06615 | runs-10201-10300/10269 | runs-02901-03000/02961 | runs-04701-04800/04788 | runs-08401-08500/08442 |
| p21-net3-b12-g2.pddl | runs-01101-01200/01135 | runs-06601-06700/06616 | runs-10201-10300/10270 | runs-02901-03000/02962 | runs-04701-04800/04789 | runs-08401-08500/08443 |
| p22-net3-b12-g4.pddl | runs-01101-01200/01136 | runs-06601-06700/06617 | runs-10201-10300/10271 | runs-02901-03000/02963 | runs-04701-04800/04790 | runs-08401-08500/08444 |
| p23-net3-b14-g3.pddl | runs-01101-01200/01137 | runs-06601-06700/06618 | runs-10201-10300/10272 | runs-02901-03000/02964 | runs-04701-04800/04791 | runs-08401-08500/08445 |
| p24-net3-b14-g5.pddl | runs-01101-01200/01138 | runs-06601-06700/06619 | runs-10201-10300/10273 | runs-02901-03000/02965 | runs-04701-04800/04792 | runs-08401-08500/08446 |
| p25-net3-b16-g5.pddl | runs-01101-01200/01139 | runs-06601-06700/06620 | runs-10201-10300/10274 | runs-02901-03000/02966 | runs-04701-04800/04793 | runs-08401-08500/08447 |

pipesworld-tankage

| Run dir                  | default                | marked                 | naive                  | psvn                   | psvn_split             | watermark              |
|--------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| p01-net1-b6-g2-t50.pddl  | runs-01101-01200/01165 | runs-06601-06700/06646 | runs-10201-10300/10300 | runs-02901-03000/02992 | runs-04801-04900/04819 | runs-08401-08500/08499 |
| p02-net1-b6-g4-t50.pddl  | runs-01101-01200/01166 | runs-06601-06700/06647 | runs-10301-10400/10301 | runs-02901-03000/02993 | runs-04801-04900/04820 | runs-08401-08500/08499 |
| p03-net1-b8-g3-t80.pddl  | runs-01101-01200/01167 | runs-06601-06700/06648 | runs-10301-10400/10302 | runs-02901-03000/02994 | runs-04801-04900/04821 | runs-08401-08500/08499 |
| p04-net1-b8-g5-t80.pddl  | runs-01101-01200/01168 | runs-06601-06700/06649 | runs-10301-10400/10303 | runs-02901-03000/02995 | runs-04801-04900/04822 | runs-08401-08500/08499 |
| p05-net1-b10-g4-t50.pddl | runs-01101-01200/01169 | runs-06601-06700/06650 | runs-10301-10400/10304 | runs-02901-03000/02996 | runs-04801-04900/04823 | runs-08401-08500/08499 |
| p06-net1-b10-g6-t50.pddl | runs-01101-01200/01170 | runs-06601-06700/06651 | runs-10301-10400/10305 | runs-02901-03000/02997 | runs-04801-04900/04824 | runs-08401-08500/08499 |
| p07-net1-b12-g5-t80.pddl | runs-01101-01200/01171 | runs-06601-06700/06652 | runs-10301-10400/10306 | runs-02901-03000/02998 | runs-04801-04900/04825 | runs-08401-08500/08499 |
| p08-net1-b12-g7-t80.pddl | runs-01101-01200/01172 | runs-06601-06700/06653 | runs-10301-10400/10307 | runs-02901-03000/02999 | runs-04801-04900/04826 | runs-08401-08500/08499 |
| p09-net1-b14-g6-t50.pddl | runs-01101-01200/01173 | runs-06601-06700/06654 | runs-10301-10400/10308 | runs-02901-03000/03000 | runs-04801-04900/04827 | runs-08401-08500/08499 |
| p10-net1-b14-g8-t50.pddl | runs-01101-01200/01174 | runs-06601-06700/06655 | runs-10301-10400/10309 | runs-03001-03100/03001 | runs-04801-04900/04828 | runs-08401-08500/08499 |
| p11-net2-b10-g2-t30.pddl | runs-01101-01200/01175 | runs-06601-06700/06656 | runs-10301-10400/10310 | runs-03001-03100/03002 | runs-04801-04900/04829 | runs-08401-08500/08499 |
| p12-net2-b10-g4-t60.pddl | runs-01101-01200/01176 | runs-06601-06700/06657 | runs-10301-10400/10311 | runs-03001-03100/03003 | runs-04801-04900/04830 | runs-08401-08500/08499 |
| p13-net2-b12-g3-t70.pddl | runs-01101-01200/01177 | runs-06601-06700/06658 | runs-10301-10400/10312 | runs-03001-03100/03004 | runs-04801-04900/04831 | runs-08401-08500/08499 |
| p14-net2-b12-g5-t30.pddl | runs-01101-01200/01178 | runs-06601-06700/06659 | runs-10301-10400/10313 | runs-03001-03100/03005 | runs-04801-04900/04832 | runs-08401-08500/08499 |
| p15-net2-b14-g4-t30.pddl | runs-01101-01200/01179 | runs-06601-06700/06660 | runs-10301-10400/10314 | runs-03001-03100/03006 | runs-04801-04900/04833 | runs-08401-08500/08499 |
| p16-net2-b14-g6-t80.pddl | runs-01101-01200/01180 | runs-06601-06700/06661 | runs-10301-10400/10315 | runs-03001-03100/03007 | runs-04801-04900/04834 | runs-08401-08500/08499 |
| p17-net2-b16-g5-t20.pddl | runs-01101-01200/01181 | runs-06601-06700/06662 | runs-10301-10400/10316 | runs-03001-03100/03008 | runs-04801-04900/04835 | runs-08401-08500/08499 |
| p18-net2-b16-g7-t60.pddl | runs-01101-01200/01182 | runs-06601-06700/06663 | runs-10301-10400/10317 | runs-03001-03100/03009 | runs-04801-04900/04836 | runs-08401-08500/08499 |
| p19-net2-b18-g6-t60.pddl | runs-01101-01200/01183 | runs-06601-06700/06664 | runs-10301-10400/10318 | runs-03001-03100/03010 | runs-04801-04900/04837 | runs-08401-08500/08499 |
| p20-net2-b18-g8-t90.pddl | runs-01101-01200/01184 | runs-06601-06700/06665 | runs-10301-10400/10319 | runs-03001-03100/03011 | runs-04801-04900/04838 | runs-08401-08500/08499 |
| p21-net3-b12-g2-t60.pddl | runs-01101-01200/01185 | runs-06601-06700/06666 | runs-10301-10400/10320 | runs-03001-03100/03012 | runs-04801-04900/04839 | runs-08401-08500/08499 |
| p22-net3-b12-g4-t60.pddl | runs-01101-01200/01186 | runs-06601-06700/06667 | runs-10301-10400/10321 | runs-03001-03100/03013 | runs-04801-04900/04840 | runs-08401-08500/08499 |
| p23-net3-b14-g3-t60.pddl | runs-01101-01200/01187 | runs-06601-06700/06668 | runs-10301-10400/10322 | runs-03001-03100/03014 | runs-04801-04900/04841 | runs-08401-08500/08499 |
| p24-net3-b14-g5-t60.pddl | runs-01101-01200/01188 | runs-06601-06700/06669 | runs-10301-10400/10323 | runs-03001-03100/03015 | runs-04801-04900/04842 | runs-08401-08500/08499 |
| p25-net3-b16-g5-t60.pddl | runs-01101-01200/01189 | runs-06601-06700/06670 | runs-10301-10400/10324 | runs-03001-03100/03016 | runs-04801-04900/04843 | runs-08401-08500/08499 |
| p26-net3-b16-g7-t70.pddl | runs-01101-01200/01190 | runs-06601-06700/06671 | runs-10301-10400/10325 | runs-03001-03100/03017 | runs-04801-04900/04844 | runs-08401-08500/08499 |
| p27-net3-b18-g6-t70.pddl | runs-01101-01200/01191 | runs-06601-06700/06672 | runs-10301-10400/10326 | runs-03001-03100/03018 | runs-04801-04900/04845 | runs-08401-08500/08499 |
| p28-net3-b18-g7-t70.pddl | runs-01101-01200/01192 | runs-06601-06700/06673 | runs-10301-10400/10327 | runs-03001-03100/03019 | runs-04801-04900/04846 | runs-08401-08500/08499 |
| p29-net3-b20-g6-t70.pddl | runs-01101-01200/01193 | runs-06601-06700/06674 | runs-10301-10400/10328 | runs-03001-03100/03020 | runs-04801-04900/04847 | runs-08501-08600/08499 |
| p30-net3-b20-g8-t70.pddl | runs-01101-01200/01194 | runs-06601-06700/06675 | runs-10301-10400/10329 | runs-03001-03100/03021 | runs-04801-04900/04848 | runs-08501-08600/08499 |
| p31-net4-b14-g3-t20.pddl | runs-01101-01200/01195 | runs-06601-06700/06676 | runs-10301-10400/10330 | runs-03001-03100/03022 | runs-04801-04900/04849 | runs-08501-08600/08499 |
| p32-net4-b14-g5-t30.pddl | runs-01101-01200/01196 | runs-06601-06700/06677 | runs-10301-10400/10331 | runs-03001-03100/03023 | runs-04801-04900/04850 | runs-08501-08600/08499 |
| p33-net4-b16-g5-t60.pddl | runs-01101-01200/01197 | runs-06601-06700/06678 | runs-10301-10400/10332 | runs-03001-03100/03024 | runs-04801-04900/04851 | runs-08501-08600/08499 |
| p34-net4-b16-g6-t60.pddl | runs-01101-01200/01198 | runs-06601-06700/06679 | runs-10301-10400/10333 | runs-03001-03100/03025 | runs-04801-04900/04852 | runs-08501-08600/08499 |
| p35-net4-b18-g4-t90.pddl | runs-01101-01200/01199 | runs-06601-06700/06680 | runs-10301-10400/10334 | runs-03001-03100/03026 | runs-04801-04900/04853 | runs-08501-08600/08499 |
| p36-net4-b18-g6-t90.pddl | runs-01101-01200/01200 | runs-06601-06700/06681 | runs-10301-10400/10335 | runs-03001-03100/03027 | runs-04801-04900/04854 | runs-08501-08600/08499 |
| p37-net4-b20-g5-t60.pddl | runs-01201-01300/01201 | runs-06601-06700/06682 | runs-10301-10400/10336 | runs-03001-03100/03028 | runs-04801-04900/04855 | runs-08501-08600/08499 |
| p38-net4-b20-g7-t60.pddl | runs-01201-01300/01202 | runs-06601-06700/06683 | runs-10301-10400/10337 | runs-03001-03100/03029 | runs-04801-04900/04856 | runs-08501-08600/08499 |
| p39-net4-b22-g7-t50.pddl | runs-01201-01300/01203 | runs-06601-06700/06684 | runs-10301-10400/10338 | runs-03001-03100/03030 | runs-04801-04900/04857 | runs-08501-08600/08499 |
| p40-net4-b22-g8-t50.pddl | runs-01201-01300/01204 | runs-06601-06700/06685 | runs-10301-10400/10339 | runs-03001-03100/03031 | runs-04801-04900/04858 | runs-08501-08600/08499 |
| p41-net5-b22-g2-t20.pddl | runs-01201-01300/01205 | runs-06601-06700/06686 | runs-10301-10400/10340 | runs-03001-03100/03032 | runs-04801-04900/04859 | runs-08501-08600/08499 |
| p42-net5-b22-g4-t50.pddl | runs-01201-01300/01206 | runs-06601-06700/06687 | runs-10301-10400/10341 | runs-03001-03100/03033 | runs-04801-04900/04860 | runs-08501-08600/08499 |
| p43-net5-b24-g3-t80.pddl | runs-01201-01300/01207 | runs-06601-06700/06688 | runs-10301-10400/10342 | runs-03001-03100/03034 | runs-04801-04900/04861 | runs-08501-08600/08499 |

## psr-small

| Run dir                | default                | marked                 | naive                  | psvn                   | psvn_split             | watch                 |
|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|
| p01-s2-n1-l2-f50.pddl  | runs-01201-01300/01215 | runs-06601-06700/06696 | runs-10301-10400/10350 | runs-03001-03100/03042 | runs-04801-04900/04869 | runs-08501-08600/0852 |
| p02-s5-n1-l3-f30.pddl  | runs-01201-01300/01216 | runs-06601-06700/06697 | runs-10301-10400/10351 | runs-03001-03100/03043 | runs-04801-04900/04870 | runs-08501-08600/0852 |
| p03-s7-n1-l3-f70.pddl  | runs-01201-01300/01217 | runs-06601-06700/06698 | runs-10301-10400/10352 | runs-03001-03100/03044 | runs-04801-04900/04871 | runs-08501-08600/0852 |
| p04-s8-n1-l4-f10.pddl  | runs-01201-01300/01218 | runs-06601-06700/06699 | runs-10301-10400/10353 | runs-03001-03100/03045 | runs-04801-04900/04872 | runs-08501-08600/0852 |
| p05-s9-n1-l4-f30.pddl  | runs-01201-01300/01219 | runs-06601-06700/06700 | runs-10301-10400/10354 | runs-03001-03100/03046 | runs-04801-04900/04873 | runs-08501-08600/0852 |
| p06-s10-n1-l4-f50.pddl | runs-01201-01300/01220 | runs-06701-06800/06701 | runs-10301-10400/10355 | runs-03001-03100/03047 | runs-04801-04900/04874 | runs-08501-08600/0852 |
| p07-s11-n1-l4-f70.pddl | runs-01201-01300/01221 | runs-06701-06800/06702 | runs-10301-10400/10356 | runs-03001-03100/03048 | runs-04801-04900/04875 | runs-08501-08600/0852 |
| p08-s12-n1-l5-f10.pddl | runs-01201-01300/01222 | runs-06701-06800/06703 | runs-10301-10400/10357 | runs-03001-03100/03049 | runs-04801-04900/04876 | runs-08501-08600/0853 |
| p09-s13-n1-l5-f30.pddl | runs-01201-01300/01223 | runs-06701-06800/06704 | runs-10301-10400/10358 | runs-03001-03100/03050 | runs-04801-04900/04877 | runs-08501-08600/0853 |
| p10-s17-n2-l2-f30.pddl | runs-01201-01300/01224 | runs-06701-06800/06705 | runs-10301-10400/10359 | runs-03001-03100/03051 | runs-04801-04900/04878 | runs-08501-08600/0853 |
| p11-s18-n2-l2-f50.pddl | runs-01201-01300/01225 | runs-06701-06800/06706 | runs-10301-10400/10360 | runs-03001-03100/03052 | runs-04801-04900/04879 | runs-08501-08600/0853 |
| p12-s21-n2-l3-f30.pddl | runs-01201-01300/01226 | runs-06701-06800/06707 | runs-10301-10400/10361 | runs-03001-03100/03053 | runs-04801-04900/04880 | runs-08501-08600/0853 |
| p13-s22-n2-l3-f50.pddl | runs-01201-01300/01227 | runs-06701-06800/06708 | runs-10301-10400/10362 | runs-03001-03100/03054 | runs-04801-04900/04881 | runs-08501-08600/0853 |
| p14-s23-n2-l3-f70.pddl | runs-01201-01300/01228 | runs-06701-06800/06709 | runs-10301-10400/10363 | runs-03001-03100/03055 | runs-04801-04900/04882 | runs-08501-08600/0853 |
| p15-s24-n2-l4-f10.pddl | runs-01201-01300/01229 | runs-06701-06800/06710 | runs-10301-10400/10364 | runs-03001-03100/03056 | runs-04801-04900/04883 | runs-08501-08600/0853 |
| p16-s29-n2-l5-f30.pddl | runs-01201-01300/01230 | runs-06701-06800/06711 | runs-10301-10400/10365 | runs-03001-03100/03057 | runs-04801-04900/04884 | runs-08501-08600/0853 |
| p17-s30-n2-l5-f50.pddl | runs-01201-01300/01231 | runs-06701-06800/06712 | runs-10301-10400/10366 | runs-03001-03100/03058 | runs-04801-04900/04885 | runs-08501-08600/0853 |
| p18-s31-n2-l5-f70.pddl | runs-01201-01300/01232 | runs-06701-06800/06713 | runs-10301-10400/10367 | runs-03001-03100/03059 | runs-04801-04900/04886 | runs-08501-08600/0854 |
| p19-s33-n3-l2-f30.pddl | runs-01201-01300/01233 | runs-06701-06800/06714 | runs-10301-10400/10368 | runs-03001-03100/03060 | runs-04801-04900/04887 | runs-08501-08600/0854 |
| p20-s34-n3-l2-f50.pddl | runs-01201-01300/01234 | runs-06701-06800/06715 | runs-10301-10400/10369 | runs-03001-03100/03061 | runs-04801-04900/04888 | runs-08501-08600/0854 |
| p21-s35-n3-l2-f70.pddl | runs-01201-01300/01235 | runs-06701-06800/06716 | runs-10301-10400/10370 | runs-03001-03100/03062 | runs-04801-04900/04889 | runs-08501-08600/0854 |
| p22-s37-n3-l3-f30.pddl | runs-01201-01300/01236 | runs-06701-06800/06717 | runs-10301-10400/10371 | runs-03001-03100/03063 | runs-04801-04900/04890 | runs-08501-08600/0854 |
| p23-s38-n3-l3-f50.pddl | runs-01201-01300/01237 | runs-06701-06800/06718 | runs-10301-10400/10372 | runs-03001-03100/03064 | runs-04801-04900/04891 | runs-08501-08600/0854 |
| p24-s39-n3-l3-f70.pddl | runs-01201-01300/01238 | runs-06701-06800/06719 | runs-10301-10400/10373 | runs-03001-03100/03065 | runs-04801-04900/04892 | runs-08501-08600/0854 |
| p25-s40-n3-l4-f10.pddl | runs-01201-01300/01239 | runs-06701-06800/06720 | runs-10301-10400/10374 | runs-03001-03100/03066 | runs-04801-04900/04893 | runs-08501-08600/0854 |
| p26-s41-n3-l4-f30.pddl | runs-01201-01300/01240 | runs-06701-06800/06721 | runs-10301-10400/10375 | runs-03001-03100/03067 | runs-04801-04900/04894 | runs-08501-08600/0854 |
| p27-s42-n3-l4-f50.pddl | runs-01201-01300/01241 | runs-06701-06800/06722 | runs-10301-10400/10376 | runs-03001-03100/03068 | runs-04801-04900/04895 | runs-08501-08600/0854 |
| p28-s43-n3-l4-f70.pddl | runs-01201-01300/01242 | runs-06701-06800/06723 | runs-10301-10400/10377 | runs-03001-03100/03069 | runs-04801-04900/04896 | runs-08501-08600/0855 |
| p29-s45-n3-l5-f30.pddl | runs-01201-01300/01243 | runs-06701-06800/06724 | runs-10301-10400/10378 | runs-03001-03100/03070 | runs-04801-04900/04897 | runs-08501-08600/0855 |
| p30-s46-n3-l5-f50.pddl | runs-01201-01300/01244 | runs-06701-06800/06725 | runs-10301-10400/10379 | runs-03001-03100/03071 | runs-04801-04900/04898 | runs-08501-08600/0855 |
| p31-s49-n4-l2-f30.pddl | runs-01201-01300/01245 | runs-06701-06800/06726 | runs-10301-10400/10380 | runs-03001-03100/03072 | runs-04801-04900/04899 | runs-08501-08600/0855 |
| p32-s50-n4-l2-f50.pddl | runs-01201-01300/01246 | runs-06701-06800/06727 | runs-10301-10400/10381 | runs-03001-03100/03073 | runs-04801-04900/04900 | runs-08501-08600/0855 |
| p33-s51-n4-l2-f70.pddl | runs-01201-01300/01247 | runs-06701-06800/06728 | runs-10301-10400/10382 | runs-03001-03100/03074 | runs-04901-05000/04901 | runs-08501-08600/0855 |
| p34-s55-n4-l3-f70.pddl | runs-01201-01300/01248 | runs-06701-06800/06729 | runs-10301-10400/10383 | runs-03001-03100/03075 | runs-04901-05000/04902 | runs-08501-08600/0855 |
| p35-s57-n5-l2-f30.pddl | runs-01201-01300/01249 | runs-06701-06800/06730 | runs-10301-10400/10384 | runs-03001-03100/03076 | runs-04901-05000/04903 | runs-08501-08600/0855 |
| p36-s65-n6-l2-f30.pddl | runs-01201-01300/01250 | runs-06701-06800/06731 | runs-10301-10400/10385 | runs-03001-03100/03077 | runs-04901-05000/04904 | runs-08501-08600/0855 |
| p37-s67-n6-l2-f70.pddl | runs-01201-01300/01251 | runs-06701-06800/06732 | runs-10301-10400/10386 | runs-03001-03100/03078 | runs-04901-05000/04905 | runs-08501-08600/0855 |
| p38-s78-n3-l3-f50.pddl | runs-01201-01300/01252 | runs-06701-06800/06733 | runs-10301-10400/10387 | runs-03001-03100/03079 | runs-04901-05000/04906 | runs-08501-08600/0856 |
| p39-s79-n3-l3-f70.pddl | runs-01201-01300/01253 | runs-06701-06800/06734 | runs-10301-10400/10388 | runs-03001-03100/03080 | runs-04901-05000/04907 | runs-08501-08600/0856 |
| p40-s80-n3-l4-f10.pddl | runs-01201-01300/01254 | runs-06701-06800/06735 | runs-10301-10400/10389 | runs-03001-03100/03081 | runs-04901-05000/04908 | runs-08501-08600/0856 |
| p41-s81-n3-l4-f30.pddl | runs-01201-01300/01255 | runs-06701-06800/06736 | runs-10301-10400/10390 | runs-03001-03100/03082 | runs-04901-05000/04909 | runs-08501-08600/0856 |
| p42-s82-n3-l4-f50.pddl | runs-01201-01300/01256 | runs-06701-06800/06737 | runs-10301-10400/10391 | runs-03001-03100/03083 | runs-04901-05000/04910 | runs-08501-08600/0856 |
| p43-s83-n3-l4-f70.pddl | runs-01201-01300/01257 | runs-06701-06800/06738 | runs-10301-10400/10392 | runs-03001-03100/03084 | runs-04901-05000/04911 | runs-08501-08600/0856 |

## rovers

| Run dir  | default                | marked                 | naive                  | psvn                   | psvn.split             | watched                |
|----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| p01.pddl | runs-01201-01300/01265 | runs-06701-06800/06746 | runs-10301-10400/10400 | runs-03001-03100/03092 | runs-04901-05000/04919 | runs-08501-08600/08573 |
| p02.pddl | runs-01201-01300/01266 | runs-06701-06800/06747 | runs-10401-10500/10401 | runs-03001-03100/03093 | runs-04901-05000/04920 | runs-08501-08600/08574 |
| p03.pddl | runs-01201-01300/01267 | runs-06701-06800/06748 | runs-10401-10500/10402 | runs-03001-03100/03094 | runs-04901-05000/04921 | runs-08501-08600/08575 |
| p04.pddl | runs-01201-01300/01268 | runs-06701-06800/06749 | runs-10401-10500/10403 | runs-03001-03100/03095 | runs-04901-05000/04922 | runs-08501-08600/08576 |
| p05.pddl | runs-01201-01300/01269 | runs-06701-06800/06750 | runs-10401-10500/10404 | runs-03001-03100/03096 | runs-04901-05000/04923 | runs-08501-08600/08577 |
| p06.pddl | runs-01201-01300/01270 | runs-06701-06800/06751 | runs-10401-10500/10405 | runs-03001-03100/03097 | runs-04901-05000/04924 | runs-08501-08600/08578 |
| p07.pddl | runs-01201-01300/01271 | runs-06701-06800/06752 | runs-10401-10500/10406 | runs-03001-03100/03098 | runs-04901-05000/04925 | runs-08501-08600/08579 |
| p08.pddl | runs-01201-01300/01272 | runs-06701-06800/06753 | runs-10401-10500/10407 | runs-03001-03100/03099 | runs-04901-05000/04926 | runs-08501-08600/08580 |
| p09.pddl | runs-01201-01300/01273 | runs-06701-06800/06754 | runs-10401-10500/10408 | runs-03001-03100/03100 | runs-04901-05000/04927 | runs-08501-08600/08581 |
| p10.pddl | runs-01201-01300/01274 | runs-06701-06800/06755 | runs-10401-10500/10409 | runs-03101-03200/03101 | runs-04901-05000/04928 | runs-08501-08600/08582 |
| p11.pddl | runs-01201-01300/01275 | runs-06701-06800/06756 | runs-10401-10500/10410 | runs-03101-03200/03102 | runs-04901-05000/04929 | runs-08501-08600/08583 |
| p12.pddl | runs-01201-01300/01276 | runs-06701-06800/06757 | runs-10401-10500/10411 | runs-03101-03200/03103 | runs-04901-05000/04930 | runs-08501-08600/08584 |
| p13.pddl | runs-01201-01300/01277 | runs-06701-06800/06758 | runs-10401-10500/10412 | runs-03101-03200/03104 | runs-04901-05000/04931 | runs-08501-08600/08585 |
| p14.pddl | runs-01201-01300/01278 | runs-06701-06800/06759 | runs-10401-10500/10413 | runs-03101-03200/03105 | runs-04901-05000/04932 | runs-08501-08600/08586 |
| p15.pddl | runs-01201-01300/01279 | runs-06701-06800/06760 | runs-10401-10500/10414 | runs-03101-03200/03106 | runs-04901-05000/04933 | runs-08501-08600/08587 |
| p16.pddl | runs-01201-01300/01280 | runs-06701-06800/06761 | runs-10401-10500/10415 | runs-03101-03200/03107 | runs-04901-05000/04934 | runs-08501-08600/08588 |
| p17.pddl | runs-01201-01300/01281 | runs-06701-06800/06762 | runs-10401-10500/10416 | runs-03101-03200/03108 | runs-04901-05000/04935 | runs-08501-08600/08589 |
| p18.pddl | runs-01201-01300/01282 | runs-06701-06800/06763 | runs-10401-10500/10417 | runs-03101-03200/03109 | runs-04901-05000/04936 | runs-08501-08600/08590 |
| p19.pddl | runs-01201-01300/01283 | runs-06701-06800/06764 | runs-10401-10500/10418 | runs-03101-03200/03110 | runs-04901-05000/04937 | runs-08501-08600/08591 |
| p20.pddl | runs-01201-01300/01284 | runs-06701-06800/06765 | runs-10401-10500/10419 | runs-03101-03200/03111 | runs-04901-05000/04938 | runs-08501-08600/08592 |
| p21.pddl | runs-01201-01300/01285 | runs-06701-06800/06766 | runs-10401-10500/10420 | runs-03101-03200/03112 | runs-04901-05000/04939 | runs-08501-08600/08593 |
| p22.pddl | runs-01201-01300/01286 | runs-06701-06800/06767 | runs-10401-10500/10421 | runs-03101-03200/03113 | runs-04901-05000/04940 | runs-08501-08600/08594 |
| p23.pddl | runs-01201-01300/01287 | runs-06701-06800/06768 | runs-10401-10500/10422 | runs-03101-03200/03114 | runs-04901-05000/04941 | runs-08501-08600/08595 |
| p24.pddl | runs-01201-01300/01288 | runs-06701-06800/06769 | runs-10401-10500/10423 | runs-03101-03200/03115 | runs-04901-05000/04942 | runs-08501-08600/08596 |
| p25.pddl | runs-01201-01300/01289 | runs-06701-06800/06770 | runs-10401-10500/10424 | runs-03101-03200/03116 | runs-04901-05000/04943 | runs-08501-08600/08597 |
| p26.pddl | runs-01201-01300/01290 | runs-06701-06800/06771 | runs-10401-10500/10425 | runs-03101-03200/03117 | runs-04901-05000/04944 | runs-08501-08600/08598 |
| p27.pddl | runs-01201-01300/01291 | runs-06701-06800/06772 | runs-10401-10500/10426 | runs-03101-03200/03118 | runs-04901-05000/04945 | runs-08501-08600/08599 |
| p28.pddl | runs-01201-01300/01292 | runs-06701-06800/06773 | runs-10401-10500/10427 | runs-03101-03200/03119 | runs-04901-05000/04946 | runs-08501-08600/08600 |
| p29.pddl | runs-01201-01300/01293 | runs-06701-06800/06774 | runs-10401-10500/10428 | runs-03101-03200/03120 | runs-04901-05000/04947 | runs-08601-08700/08601 |
| p30.pddl | runs-01201-01300/01294 | runs-06701-06800/06775 | runs-10401-10500/10429 | runs-03101-03200/03121 | runs-04901-05000/04948 | runs-08601-08700/08602 |
| p31.pddl | runs-01201-01300/01295 | runs-06701-06800/06776 | runs-10401-10500/10430 | runs-03101-03200/03122 | runs-04901-05000/04949 | runs-08601-08700/08603 |
| p32.pddl | runs-01201-01300/01296 | runs-06701-06800/06777 | runs-10401-10500/10431 | runs-03101-03200/03123 | runs-04901-05000/04950 | runs-08601-08700/08604 |
| p33.pddl | runs-01201-01300/01297 | runs-06701-06800/06778 | runs-10401-10500/10432 | runs-03101-03200/03124 | runs-04901-05000/04951 | runs-08601-08700/08605 |
| p34.pddl | runs-01201-01300/01298 | runs-06701-06800/06779 | runs-10401-10500/10433 | runs-03101-03200/03125 | runs-04901-05000/04952 | runs-08601-08700/08606 |
| p35.pddl | runs-01201-01300/01299 | runs-06701-06800/06780 | runs-10401-10500/10434 | runs-03101-03200/03126 | runs-04901-05000/04953 | runs-08601-08700/08607 |
| p36.pddl | runs-01201-01300/01300 | runs-06701-06800/06781 | runs-10401-10500/10435 | runs-03101-03200/03127 | runs-04901-05000/04954 | runs-08601-08700/08608 |
| p37.pddl | runs-01301-01400/01301 | runs-06701-06800/06782 | runs-10401-10500/10436 | runs-03101-03200/03128 | runs-04901-05000/04955 | runs-08601-08700/08609 |
| p38.pddl | runs-01301-01400/01302 | runs-06701-06800/06783 | runs-10401-10500/10437 | runs-03101-03200/03129 | runs-04901-05000/04956 | runs-08601-08700/08610 |
| p39.pddl | runs-01301-01400/01303 | runs-06701-06800/06784 | runs-10401-10500/10438 | runs-03101-03200/03130 | runs-04901-05000/04957 | runs-08601-08700/08611 |
| p40.pddl | runs-01301-01400/01304 | runs-06701-06800/06785 | runs-10401-10500/10439 | runs-03101-03200/03131 | runs-04901-05000/04958 | runs-08601-08700/08612 |

| Run dir            | default                | marked                 | naive                  | psvn                   | psvn_split             | watched                |
|--------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| p01-pfile1.pddl    | runs-01301-01400/01305 | runs-06701-06800/06786 | runs-10401-10500/10440 | runs-03101-03200/03132 | runs-04901-05000/04959 | runs-08601-08700/08613 |
| p02-pfile2.pddl    | runs-01301-01400/01306 | runs-06701-06800/06787 | runs-10401-10500/10441 | runs-03101-03200/03133 | runs-04901-05000/04960 | runs-08601-08700/08614 |
| p03-pfile3.pddl    | runs-01301-01400/01307 | runs-06701-06800/06788 | runs-10401-10500/10442 | runs-03101-03200/03134 | runs-04901-05000/04961 | runs-08601-08700/08615 |
| p04-pfile4.pddl    | runs-01301-01400/01308 | runs-06701-06800/06789 | runs-10401-10500/10443 | runs-03101-03200/03135 | runs-04901-05000/04962 | runs-08601-08700/08616 |
| p05-pfile5.pddl    | runs-01301-01400/01309 | runs-06701-06800/06790 | runs-10401-10500/10444 | runs-03101-03200/03136 | runs-04901-05000/04963 | runs-08601-08700/08617 |
| p06-pfile6.pddl    | runs-01301-01400/01310 | runs-06701-06800/06791 | runs-10401-10500/10445 | runs-03101-03200/03137 | runs-04901-05000/04964 | runs-08601-08700/08618 |
| p07-pfile7.pddl    | runs-01301-01400/01311 | runs-06701-06800/06792 | runs-10401-10500/10446 | runs-03101-03200/03138 | runs-04901-05000/04965 | runs-08601-08700/08619 |
| p08-pfile8.pddl    | runs-01301-01400/01312 | runs-06701-06800/06793 | runs-10401-10500/10447 | runs-03101-03200/03139 | runs-04901-05000/04966 | runs-08601-08700/08620 |
| p09-pfile9.pddl    | runs-01301-01400/01313 | runs-06701-06800/06794 | runs-10401-10500/10448 | runs-03101-03200/03140 | runs-04901-05000/04967 | runs-08601-08700/08621 |
| p10-pfile10.pddl   | runs-01301-01400/01314 | runs-06701-06800/06795 | runs-10401-10500/10449 | runs-03101-03200/03141 | runs-04901-05000/04968 | runs-08601-08700/08622 |
| p11-pfile11.pddl   | runs-01301-01400/01315 | runs-06701-06800/06796 | runs-10401-10500/10450 | runs-03101-03200/03142 | runs-04901-05000/04969 | runs-08601-08700/08623 |
| p12-pfile12.pddl   | runs-01301-01400/01316 | runs-06701-06800/06797 | runs-10401-10500/10451 | runs-03101-03200/03143 | runs-04901-05000/04970 | runs-08601-08700/08624 |
| p13-pfile13.pddl   | runs-01301-01400/01317 | runs-06701-06800/06798 | runs-10401-10500/10452 | runs-03101-03200/03144 | runs-04901-05000/04971 | runs-08601-08700/08625 |
| p14-pfile14.pddl   | runs-01301-01400/01318 | runs-06701-06800/06799 | runs-10401-10500/10453 | runs-03101-03200/03145 | runs-04901-05000/04972 | runs-08601-08700/08626 |
| p15-pfile15.pddl   | runs-01301-01400/01319 | runs-06701-06800/06800 | runs-10401-10500/10454 | runs-03101-03200/03146 | runs-04901-05000/04973 | runs-08601-08700/08627 |
| p16-pfile16.pddl   | runs-01301-01400/01320 | runs-06801-06900/06801 | runs-10401-10500/10455 | runs-03101-03200/03147 | runs-04901-05000/04974 | runs-08601-08700/08628 |
| p17-pfile17.pddl   | runs-01301-01400/01321 | runs-06801-06900/06802 | runs-10401-10500/10456 | runs-03101-03200/03148 | runs-04901-05000/04975 | runs-08601-08700/08629 |
| p18-pfile18.pddl   | runs-01301-01400/01322 | runs-06801-06900/06803 | runs-10401-10500/10457 | runs-03101-03200/03149 | runs-04901-05000/04976 | runs-08601-08700/08630 |
| p19-pfile19.pddl   | runs-01301-01400/01323 | runs-06801-06900/06804 | runs-10401-10500/10458 | runs-03101-03200/03150 | runs-04901-05000/04977 | runs-08601-08700/08631 |
| p20-pfile20.pddl   | runs-01301-01400/01324 | runs-06801-06900/06805 | runs-10401-10500/10459 | runs-03101-03200/03151 | runs-04901-05000/04978 | runs-08601-08700/08632 |
| p21-HC-pfile1.pddl | runs-01301-01400/01325 | runs-06801-06900/06806 | runs-10401-10500/10460 | runs-03101-03200/03152 | runs-04901-05000/04979 | runs-08601-08700/08633 |
| p22-HC-pfile2.pddl | runs-01301-01400/01326 | runs-06801-06900/06807 | runs-10401-10500/10461 | runs-03101-03200/03153 | runs-04901-05000/04980 | runs-08601-08700/08634 |
| p23-HC-pfile3.pddl | runs-01301-01400/01327 | runs-06801-06900/06808 | runs-10401-10500/10462 | runs-03101-03200/03154 | runs-04901-05000/04981 | runs-08601-08700/08635 |
| p24-HC-pfile4.pddl | runs-01301-01400/01328 | runs-06801-06900/06809 | runs-10401-10500/10463 | runs-03101-03200/03155 | runs-04901-05000/04982 | runs-08601-08700/08636 |
| p25-HC-pfile5.pddl | runs-01301-01400/01329 | runs-06801-06900/06810 | runs-10401-10500/10464 | runs-03101-03200/03156 | runs-04901-05000/04983 | runs-08601-08700/08637 |
| p26-HC-pfile6.pddl | runs-0                 |                        |                        |                        |                        |                        |



## scanalyzer-08-strips

| Run dir  | default                | marked                 | naive                  | psvn                   | psvn_split             | watched                |
|----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| p01.pddl | runs-01301-01400/01341 | runs-06801-06900/06822 | runs-10401-10500/10476 | runs-03101-03200/03168 | runs-04901-05000/04995 | runs-08601-08700/08649 |
| p02.pddl | runs-01301-01400/01342 | runs-06801-06900/06823 | runs-10401-10500/10477 | runs-03101-03200/03169 | runs-04901-05000/04996 | runs-08601-08700/08650 |
| p03.pddl | runs-01301-01400/01343 | runs-06801-06900/06824 | runs-10401-10500/10478 | runs-03101-03200/03170 | runs-04901-05000/04997 | runs-08601-08700/08651 |
| p04.pddl | runs-01301-01400/01344 | runs-06801-06900/06825 | runs-10401-10500/10479 | runs-03101-03200/03171 | runs-04901-05000/04998 | runs-08601-08700/08652 |
| p05.pddl | runs-01301-01400/01345 | runs-06801-06900/06826 | runs-10401-10500/10480 | runs-03101-03200/03172 | runs-04901-05000/04999 | runs-08601-08700/08653 |
| p06.pddl | runs-01301-01400/01346 | runs-06801-06900/06827 | runs-10401-10500/10481 | runs-03101-03200/03173 | runs-04901-05000/05000 | runs-08601-08700/08654 |
| p07.pddl | runs-01301-01400/01347 | runs-06801-06900/06828 | runs-10401-10500/10482 | runs-03101-03200/03174 | runs-05001-05100/05001 | runs-08601-08700/08655 |
| p08.pddl | runs-01301-01400/01348 | runs-06801-06900/06829 | runs-10401-10500/10483 | runs-03101-03200/03175 | runs-05001-05100/05002 | runs-08601-08700/08656 |
| p09.pddl | runs-01301-01400/01349 | runs-06801-06900/06830 | runs-10401-10500/10484 | runs-03101-03200/03176 | runs-05001-05100/05003 | runs-08601-08700/08657 |
| p10.pddl | runs-01301-01400/01350 | runs-06801-06900/06831 | runs-10401-10500/10485 | runs-03101-03200/03177 | runs-05001-05100/05004 | runs-08601-08700/08658 |
| p11.pddl | runs-01301-01400/01351 | runs-06801-06900/06832 | runs-10401-10500/10486 | runs-03101-03200/03178 | runs-05001-05100/05005 | runs-08601-08700/08659 |
| p12.pddl | runs-01301-01400/01352 | runs-06801-06900/06833 | runs-10401-10500/10487 | runs-03101-03200/03179 | runs-05001-05100/05006 | runs-08601-08700/08660 |
| p13.pddl | runs-01301-01400/01353 | runs-06801-06900/06834 | runs-10401-10500/10488 | runs-03101-03200/03180 | runs-05001-05100/05007 | runs-08601-08700/08661 |
| p14.pddl | runs-01301-01400/01354 | runs-06801-06900/06835 | runs-10401-10500/10489 | runs-03101-03200/03181 | runs-05001-05100/05008 | runs-08601-08700/08662 |
| p15.pddl | runs-01301-01400/01355 | runs-06801-06900/06836 | runs-10401-10500/10490 | runs-03101-03200/03182 | runs-05001-05100/05009 | runs-08601-08700/08663 |
| p16.pddl | runs-01301-01400/01356 | runs-06801-06900/06837 | runs-10401-10500/10491 | runs-03101-03200/03183 | runs-05001-05100/05010 | runs-08601-08700/08664 |
| p17.pddl | runs-01301-01400/01357 | runs-06801-06900/06838 | runs-10401-10500/10492 | runs-03101-03200/03184 | runs-05001-05100/05011 | runs-08601-08700/08665 |
| p18.pddl | runs-01301-01400/01358 | runs-06801-06900/06839 | runs-10401-10500/10493 | runs-03101-03200/03185 | runs-05001-05100/05012 | runs-08601-08700/08666 |
| p19.pddl | runs-01301-01400/01359 | runs-06801-06900/06840 | runs-10401-10500/10494 | runs-03101-03200/03186 | runs-05001-05100/05013 | runs-08601-08700/08667 |
| p20.pddl | runs-01301-01400/01360 | runs-06801-06900/06841 | runs-10401-10500/10495 | runs-03101-03200/03187 | runs-05001-05100/05014 | runs-08601-08700/08668 |
| p21.pddl | runs-01301-01400/01361 | runs-06801-06900/06842 | runs-10401-10500/10496 | runs-03101-03200/03188 | runs-05001-05100/05015 | runs-08601-08700/08669 |
| p22.pddl | runs-01301-01400/01362 | runs-06801-06900/06843 | runs-10401-10500/10497 | runs-03101-03200/03189 | runs-05001-05100/05016 | runs-08601-08700/08670 |
| p23.pddl | runs-01301-01400/01363 | runs-06801-06900/06844 | runs-10401-10500/10498 | runs-03101-03200/03190 | runs-05001-05100/05017 | runs-08601-08700/08671 |
| p24.pddl | runs-01301-01400/01364 | runs-06801-06900/06845 | runs-10401-10500/10499 | runs-03101-03200/03191 | runs-05001-05100/05018 | runs-08601-08700/08672 |
| p25.pddl | runs-01301-01400/01365 | runs-06801-06900/06846 | runs-10401-10500/10500 | runs-03101-03200/03192 | runs-05001-05100/05019 | runs-08601-08700/08673 |
| p26.pddl | runs-01301-01400/01366 | runs-06801-06900/06847 | runs-10501-10600/10501 | runs-03101-03200/03193 | runs-05001-05100/05020 | runs-08601-08700/08674 |
| p27.pddl | runs-01301-01400/01367 | runs-06801-06900/06848 | runs-10501-10600/10502 | runs-03101-03200/03194 | runs-05001-05100/05021 | runs-08601-08700/08675 |
| p28.pddl | runs-01301-01400/01368 | runs-06801-06900/06849 | runs-10501-10600/10503 | runs-03101-03200/03195 | runs-05001-05100/05022 | runs-08601-08700/08676 |
| p29.pddl | runs-01301-01400/01369 | runs-06801-06900/06850 | runs-10501-10600/10504 | runs-03101-03200/03196 | runs-05001-05100/05023 | runs-08601-08700/08677 |
| p30.pddl | runs-01301-01400/01370 | runs-06801-06900/06851 | runs-10501-10600/10505 | runs-03101-03200/03197 | runs-05001-05100/05024 | runs-08601-08700/08678 |

# scanalyzer-opt11-strips

| Run dir  | default                | marked                 | naive                  | psvn                   | psvn_split             | watched                |
|----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| p01.pddl | runs-01301-01400/01371 | runs-06801-06900/06852 | runs-10501-10600/10506 | runs-03101-03200/03198 | runs-05001-05100/05025 | runs-08601-08700/08679 |
| p02.pddl | runs-01301-01400/01372 | runs-06801-06900/06853 | runs-10501-10600/10507 | runs-03101-03200/03199 | runs-05001-05100/05026 | runs-08601-08700/08680 |
| p03.pddl | runs-01301-01400/01373 | runs-06801-06900/06854 | runs-10501-10600/10508 | runs-03101-03200/03200 | runs-05001-05100/05027 | runs-08601-08700/08681 |
| p04.pddl | runs-01301-01400/01374 | runs-06801-06900/06855 | runs-10501-10600/10509 | runs-03201-03300/03201 | runs-05001-05100/05028 | runs-08601-08700/08682 |
| p05.pddl | runs-01301-01400/01375 | runs-06801-06900/06856 | runs-10501-10600/10510 | runs-03201-03300/03202 | runs-05001-05100/05029 | runs-08601-08700/08683 |
| p06.pddl | runs-01301-01400/01376 | runs-06801-06900/06857 | runs-10501-10600/10511 | runs-03201-03300/03203 | runs-05001-05100/05030 | runs-08601-08700/08684 |
| p07.pddl | runs-01301-01400/01377 | runs-06801-06900/06858 | runs-10501-10600/10512 | runs-03201-03300/03204 | runs-05001-05100/05031 | runs-08601-08700/08685 |
| p08.pddl | runs-01301-01400/01378 | runs-06801-06900/06859 | runs-10501-10600/10513 | runs-03201-03300/03205 | runs-05001-05100/05032 | runs-08601-08700/08686 |
| p09.pddl | runs-01301-01400/01379 | runs-06801-06900/06860 | runs-10501-10600/10514 | runs-03201-03300/03206 | runs-05001-05100/05033 | runs-08601-08700/08687 |
| p10.pddl | runs-01301-01400/01380 | runs-06801-06900/06861 | runs-10501-10600/10515 | runs-03201-03300/03207 | runs-05001-05100/05034 | runs-08601-08700/08688 |
| p11.pddl | runs-01301-01400/01381 | runs-06801-06900/06862 | runs-10501-10600/10516 | runs-03201-03300/03208 | runs-05001-05100/05035 | runs-08601-08700/08689 |
| p12.pddl | runs-01301-01400/01382 | runs-06801-06900/06863 | runs-10501-10600/10517 | runs-03201-03300/03209 | runs-05001-05100/05036 | runs-08601-08700/08690 |
| p13.pddl | runs-01301-01400/01383 | runs-06801-06900/06864 | runs-10501-10600/10518 | runs-03201-03300/03210 | runs-05001-05100/05037 | runs-08601-08700/08691 |
| p14.pddl | runs-01301-01400/01384 | runs-06801-06900/06865 | runs-10501-10600/10519 | runs-03201-03300/03211 | runs-05001-05100/05038 | runs-08601-08700/08692 |
| p15.pddl | runs-01301-01400/01385 | runs-06801-06900/06866 | runs-10501-10600/10520 | runs-03201-03300/03212 | runs-05001-05100/05039 | runs-08601-08700/08693 |
| p16.pddl | runs-01301-01400/01386 | runs-06801-06900/06867 | runs-10501-10600/10521 | runs-03201-03300/03213 | runs-05001-05100/05040 | runs-08601-08700/08694 |
| p17.pddl | runs-01301-01400/01387 | runs-06801-06900/06868 | runs-10501-10600/10522 | runs-03201-03300/03214 | runs-05001-05100/05041 | runs-08601-08700/08695 |
| p18.pddl | runs-01301-01400/01388 | runs-06801-06900/06869 | runs-10501-10600/10523 | runs-03201-03300/03215 | runs-05001-05100/05042 | runs-08601-08700/08696 |
| p19.pddl | runs-01301-01400/01389 | runs-06801-06900/06870 | runs-10501-10600/10524 | runs-03201-03300/03216 | runs-05001-05100/05043 | runs-08601-08700/08697 |
| p20.pddl | runs-01301-01400/01390 | runs-06801-06900/06871 | runs-10501-10600/10525 | runs-03201-03300/03217 | runs-05001-05100/05044 | runs-08601-08700/08698 |

# snake-opt18-strips

| Run dir  | default                | marked                 | naive                  | psvn                   | psvn_split             | watched                |
|----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| p01.pddl | runs-01301-01400/01391 | runs-06801-06900/06872 | runs-10501-10600/10526 | runs-03201-03300/03218 | runs-05001-05100/05045 | runs-08601-08700/08699 |
| p02.pddl | runs-01301-01400/01392 | runs-06801-06900/06873 | runs-10501-10600/10527 | runs-03201-03300/03219 | runs-05001-05100/05046 | runs-08601-08700/08700 |
| p03.pddl | runs-01301-01400/01393 | runs-06801-06900/06874 | runs-10501-10600/10528 | runs-03201-03300/03220 | runs-05001-05100/05047 | runs-08701-08800/08701 |
| p04.pddl | runs-01301-01400/01394 | runs-06801-06900/06875 | runs-10501-10600/10529 | runs-03201-03300/03221 | runs-05001-05100/05048 | runs-08701-08800/08702 |
| p05.pddl | runs-01301-01400/01395 | runs-06801-06900/06876 | runs-10501-10600/10530 | runs-03201-03300/03222 | runs-05001-05100/05049 | runs-08701-08800/08703 |
| p06.pddl | runs-01301-01400/01396 | runs-06801-06900/06877 | runs-10501-10600/10531 | runs-03201-03300/03223 | runs-05001-05100/05050 | runs-08701-08800/08704 |
| p07.pddl | runs-01301-01400/01397 | runs-06801-06900/06878 | runs-10501-10600/10532 | runs-03201-03300/03224 | runs-05001-05100/05051 | runs-08701-08800/08705 |
| p08.pddl | runs-01301-01400/01398 | runs-06801-06900/06879 | runs-10501-10600/10533 | runs-03201-03300/03225 | runs-05001-05100/05052 | runs-08701-08800/08706 |
| p09.pddl | runs-01301-01400/01399 | runs-06801-06900/06880 | runs-10501-10600/10534 | runs-03201-03300/03226 | runs-05001-05100/05053 | runs-08701-08800/08707 |
| p10.pddl | runs-01301-01400/01400 | runs-06801-06900/06881 | runs-10501-10600/10535 | runs-03201-03300/03227 | runs-05001-05100/05054 | runs-08701-08800/08708 |
| p11.pddl | runs-01401-01500/01401 | runs-06801-06900/06882 | runs-10501-10600/10536 | runs-03201-03300/03228 | runs-05001-05100/05055 | runs-08701-08800/08709 |
| p12.pddl | runs-01401-01500/01402 | runs-06801-06900/06883 | runs-10501-10600/10537 | runs-03201-03300/03229 | runs-05001-05100/05056 | runs-08701-08800/08710 |
| p13.pddl | runs-01401-01500/01403 | runs-06801-06900/06884 | runs-10501-10600/10538 | runs-03201-03300/03230 | runs-05001-05100/05057 | runs-08701-08800/08711 |
| p14.pddl | runs-01401-01500/01404 | runs-06801-06900/06885 | runs-10501-10600/10539 | runs-03201-03300/03231 | runs-05001-05100/05058 | runs-08701-08800/08712 |
| p15.pddl | runs-01401-01500/01405 | runs-06801-06900/06886 | runs-10501-10600/10540 | runs-03201-03300/03232 | runs-05001-05100/05059 | runs-08701-08800/08713 |
| p16.pddl | runs-01401-01500/01406 | runs-06801-06900/06887 | runs-10501-10600/10541 | runs-03201-03300/03233 | runs-05001-05100/05060 | runs-08701-08800/08714 |
| p17.pddl | runs-01401-01500/01407 | runs-06801-06900/06888 | runs-10501-10600/10542 | runs-03201-03300/03234 | runs-05001-05100/05061 | runs-08701-08800/08715 |
| p18.pddl | runs-01401-01500/01408 | runs-06801-06900/06889 | runs-10501-10600/10543 | runs-03201-03300/03235 | runs-05001-05100/05062 | runs-08701-08800/08716 |
| p19.pddl | runs-01401-01500/01409 | runs-06801-06900/06890 | runs-10501-10600/10544 | runs-03201-03300/03236 | runs-05001-05100/05063 | runs-08701-08800/08717 |
| p20.pddl | runs-01401-01500/01410 | runs-06801-06900/06891 | runs-10501-10600/10545 | runs-03201-03300/03237 | runs-05001-05100/05064 | runs-08701-08800/08718 |

| Run dir  | default                | marked                 | naive                  | psvn                   | psvn_split             | watched                |
|----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| p01.pddl | runs-01401-01500/01411 | runs-06801-06900/06892 | runs-10501-10600/10546 | runs-03201-03300/03238 | runs-05001-05100/05065 | runs-08701-08800/08719 |
| p02.pddl | runs-01401-01500/01412 | runs-06801-06900/06893 | runs-10501-10600/10547 | runs-03201-03300/03239 | runs-05001-05100/05066 | runs-08701-08800/08720 |
| p03.pddl | runs-01401-01500/01413 | runs-06801-06900/06894 | runs-10501-10600/10548 | runs-03201-03300/03240 | runs-05001-05100/05067 | runs-08701-08800/08721 |
| p04.pddl | runs-01401-01500/01414 | runs-06801-06900/06895 | runs-10501-10600/10549 | runs-03201-03300/03241 | runs-05001-05100/05068 | runs-08701-08800/08722 |
| p05.pddl | runs-01401-01500/01415 | runs-06801-06900/06896 | runs-10501-10600/10550 | runs-03201-03300/03242 | runs-05001-05100/05069 | runs-08701-08800/08723 |
| p06.pddl | runs-01401-01500/01416 | runs-06801-06900/06897 | runs-10501-10600/10551 | runs-03201-03300/03243 | runs-05001-05100/05070 | runs-08701-08800/08724 |
| p07.pddl | runs-01401-01500/01417 | runs-06801-06900/06898 | runs-10501-10600/10552 | runs-03201-03300/03244 | runs-05001-05100/05071 | runs-08701-08800/08725 |
| p08.pddl | runs-01401-01500/01418 | runs-06801-06900/06899 | runs-10501-10600/10553 | runs-03201-03300/03245 | runs-05001-05100/05072 | runs-08701-08800/08726 |
| p09.pddl | runs-01401-01500/01419 | runs-06801-06900/06900 | runs-10501-10600/10554 | runs-03201-03300/03246 | runs-05001-05100/05073 | runs-08701-08800/08727 |
| p10.pddl | runs-01401-01500/01420 | runs-06901-07000/06901 | runs-10501-10600/10555 | runs-03201-03300/03247 | runs-05001-05100/05074 | runs-08701-08800/08728 |
| p11.pddl | runs-01401-01500/01421 | runs-06901-07000/06902 | runs-10501-10600/10556 | runs-03201-03300/03248 | runs-05001-05100/05075 | runs-08701-08800/08729 |
| p12.pddl | runs-01401-01500/01422 | runs-06901-07000/06903 | runs-10501-10600/10557 | runs-03201-03300/03249 | runs-05001-05100/05076 | runs-08701-08800/08730 |
| p13.pddl | runs-01401-01500/01423 | runs-06901-07000/06904 | runs-10501-10600/10558 | runs-03201-03300/03250 | runs-05001-05100/05077 | runs-08701-08800/08731 |
| p14.pddl | runs-01401-01500/01424 | runs-06901-07000/06905 | runs-10501-10600/10559 | runs-03201-03300/03251 | runs-05001-05100/05078 | runs-08701-08800/08732 |
| p15.pddl | runs-01401-01500/01425 | runs-06901-07000/06906 | runs-10501-10600/10560 | runs-03201-03300/03252 | runs-05001-05100/05079 | runs-08701-08800/08733 |
| p16.pddl | runs-01401-01500/01426 | runs-06901-07000/06907 | runs-10501-10600/10561 | runs-03201-03300/03253 | runs-05001-05100/05080 | runs-08701-08800/08734 |
| p17.pddl | runs-01401-01500/01427 | runs-06901-07000/06908 | runs-10501-10600/10562 | runs-03201-03300/03254 | runs-05001-05100/05081 | runs-08701-08800/08735 |
| p18.pddl | runs-01401-01500/01428 | runs-06901-07000/06909 | runs-10501-10600/10563 | runs-03201-03300/03255 | runs-05001-05100/05082 | runs-08701-08800/08736 |
| p19.pddl | runs-01401-01500/01429 | runs-06901-07000/06910 | runs-10501-10600/10564 | runs-03201-03300/03256 | runs-05001-05100/05083 | runs-08701-08800/08737 |
| p20.pddl | runs-01401-01500/01430 | runs-06901-07000/06911 | runs-10501-10600/10565 | runs-03201-03300/03257 | runs-05001-05100/05084 | runs-08701-08800/08738 |
| p21.pddl | runs-01401-01500/01431 | runs-06901-07000/06912 | runs-10501-10600/10566 | runs-03201-03300/03258 | runs-05001-05100/05085 | runs-08701-08800/08739 |
| p22.pddl | runs-01401-01500/01432 | runs-06901-07000/06913 | runs-10501-10600/10567 | runs-03201-03300/03259 | runs-05001-05100/05086 | runs-08701-08800/08740 |
| p23.pddl | runs-01401-01500/01433 | runs-06901-07000/06914 | runs-10501-10600/10568 | runs-03201-03300/03260 | runs-05001-05100/05087 | runs-08701-08800/08741 |
| p24.pddl | runs-01401-01500/01434 | runs-06901-07000/06915 | runs-10501-10600/10569 | runs-03201-03300/03261 | runs-05001-05100/05088 | runs-08701-08800/08742 |
| p25.pddl | runs-01401-01500/01435 | runs-06901-07000/06916 | runs-10501-10600/10570 | runs-03201-03300/03262 | runs-05001-05100/05089 | runs-08701-08800/08743 |
| p26.pddl | runs-01401-01500/01436 | runs-06901-07000/06917 | runs-10501-10600/10571 | runs-03201-03300/03263 | runs-05001-            |                        |

# sokoban-opt11-strips

| Run dir  | default                | marked                 | naive                  | psvn                   | psvn_split             | watched                |
|----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| p01.pddl | runs-01401-01500/01441 | runs-06901-07000/06922 | runs-10501-10600/10576 | runs-03201-03300/03268 | runs-05001-05100/05095 | runs-08701-08800/08749 |
| p02.pddl | runs-01401-01500/01442 | runs-06901-07000/06923 | runs-10501-10600/10577 | runs-03201-03300/03269 | runs-05001-05100/05096 | runs-08701-08800/08750 |
| p03.pddl | runs-01401-01500/01443 | runs-06901-07000/06924 | runs-10501-10600/10578 | runs-03201-03300/03270 | runs-05001-05100/05097 | runs-08701-08800/08751 |
| p04.pddl | runs-01401-01500/01444 | runs-06901-07000/06925 | runs-10501-10600/10579 | runs-03201-03300/03271 | runs-05001-05100/05098 | runs-08701-08800/08752 |
| p05.pddl | runs-01401-01500/01445 | runs-06901-07000/06926 | runs-10501-10600/10580 | runs-03201-03300/03272 | runs-05001-05100/05099 | runs-08701-08800/08753 |
| p06.pddl | runs-01401-01500/01446 | runs-06901-07000/06927 | runs-10501-10600/10581 | runs-03201-03300/03273 | runs-05001-05100/05100 | runs-08701-08800/08754 |
| p07.pddl | runs-01401-01500/01447 | runs-06901-07000/06928 | runs-10501-10600/10582 | runs-03201-03300/03274 | runs-05101-05200/05101 | runs-08701-08800/08755 |
| p08.pddl | runs-01401-01500/01448 | runs-06901-07000/06929 | runs-10501-10600/10583 | runs-03201-03300/03275 | runs-05101-05200/05102 | runs-08701-08800/08756 |
| p09.pddl | runs-01401-01500/01449 | runs-06901-07000/06930 | runs-10501-10600/10584 | runs-03201-03300/03276 | runs-05101-05200/05103 | runs-08701-08800/08757 |
| p10.pddl | runs-01401-01500/01450 | runs-06901-07000/06931 | runs-10501-10600/10585 | runs-03201-03300/03277 | runs-05101-05200/05104 | runs-08701-08800/08758 |
| p11.pddl | runs-01401-01500/01451 | runs-06901-07000/06932 | runs-10501-10600/10586 | runs-03201-03300/03278 | runs-05101-05200/05105 | runs-08701-08800/08759 |
| p12.pddl | runs-01401-01500/01452 | runs-06901-07000/06933 | runs-10501-10600/10587 | runs-03201-03300/03279 | runs-05101-05200/05106 | runs-08701-08800/08760 |
| p13.pddl | runs-01401-01500/01453 | runs-06901-07000/06934 | runs-10501-10600/10588 | runs-03201-03300/03280 | runs-05101-05200/05107 | runs-08701-08800/08761 |
| p14.pddl | runs-01401-01500/01454 | runs-06901-07000/06935 | runs-10501-10600/10589 | runs-03201-03300/03281 | runs-05101-05200/05108 | runs-08701-08800/08762 |
| p15.pddl | runs-01401-01500/01455 | runs-06901-07000/06936 | runs-10501-10600/10590 | runs-03201-03300/03282 | runs-05101-05200/05109 | runs-08701-08800/08763 |
| p16.pddl | runs-01401-01500/01456 | runs-06901-07000/06937 | runs-10501-10600/10591 | runs-03201-03300/03283 | runs-05101-05200/05110 | runs-08701-08800/08764 |
| p17.pddl | runs-01401-01500/01457 | runs-06901-07000/06938 | runs-10501-10600/10592 | runs-03201-03300/03284 | runs-05101-05200/05111 | runs-08701-08800/08765 |
| p18.pddl | runs-01401-01500/01458 | runs-06901-07000/06939 | runs-10501-10600/10593 | runs-03201-03300/03285 | runs-05101-05200/05112 | runs-08701-08800/08766 |
| p19.pddl | runs-01401-01500/01459 | runs-06901-07000/06940 | runs-10501-10600/10594 | runs-03201-03300/03286 | runs-05101-05200/05113 | runs-08701-08800/08767 |
| p20.pddl | runs-01401-01500/01460 | runs-06901-07000/06941 | runs-10501-10600/10595 | runs-03201-03300/03287 | runs-05101-05200/05114 | runs-08701-08800/08768 |

## spider-opt18-strips

| Run dir  | default                | marked                 | naive                  | psvn                   | psvn_split             | watched                |
|----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| p01.pddl | runs-01401-01500/01461 | runs-06901-07000/06942 | runs-10501-10600/10596 | runs-03201-03300/03288 | runs-05101-05200/05115 | runs-08701-08800/08769 |
| p02.pddl | runs-01401-01500/01462 | runs-06901-07000/06943 | runs-10501-10600/10597 | runs-03201-03300/03289 | runs-05101-05200/05116 | runs-08701-08800/08770 |
| p03.pddl | runs-01401-01500/01463 | runs-06901-07000/06944 | runs-10501-10600/10598 | runs-03201-03300/03290 | runs-05101-05200/05117 | runs-08701-08800/08771 |
| p04.pddl | runs-01401-01500/01464 | runs-06901-07000/06945 | runs-10501-10600/10599 | runs-03201-03300/03291 | runs-05101-05200/05118 | runs-08701-08800/08772 |
| p05.pddl | runs-01401-01500/01465 | runs-06901-07000/06946 | runs-10501-10600/10600 | runs-03201-03300/03292 | runs-05101-05200/05119 | runs-08701-08800/08773 |
| p06.pddl | runs-01401-01500/01466 | runs-06901-07000/06947 | runs-10601-10700/10601 | runs-03201-03300/03293 | runs-05101-05200/05120 | runs-08701-08800/08774 |
| p07.pddl | runs-01401-01500/01467 | runs-06901-07000/06948 | runs-10601-10700/10602 | runs-03201-03300/03294 | runs-05101-05200/05121 | runs-08701-08800/08775 |
| p08.pddl | runs-01401-01500/01468 | runs-06901-07000/06949 | runs-10601-10700/10603 | runs-03201-03300/03295 | runs-05101-05200/05122 | runs-08701-08800/08776 |
| p09.pddl | runs-01401-01500/01469 | runs-06901-07000/06950 | runs-10601-10700/10604 | runs-03201-03300/03296 | runs-05101-05200/05123 | runs-08701-08800/08777 |
| p10.pddl | runs-01401-01500/01470 | runs-06901-07000/06951 | runs-10601-10700/10605 | runs-03201-03300/03297 | runs-05101-05200/05124 | runs-08701-08800/08778 |
| p11.pddl | runs-01401-01500/01471 | runs-06901-07000/06952 | runs-10601-10700/10606 | runs-03201-03300/03298 | runs-05101-05200/05125 | runs-08701-08800/08779 |
| p12.pddl | runs-01401-01500/01472 | runs-06901-07000/06953 | runs-10601-10700/10607 | runs-03201-03300/03299 | runs-05101-05200/05126 | runs-08701-08800/08780 |
| p13.pddl | runs-01401-01500/01473 | runs-06901-07000/06954 | runs-10601-10700/10608 | runs-03201-03300/03300 | runs-05101-05200/05127 | runs-08701-08800/08781 |
| p14.pddl | runs-01401-01500/01474 | runs-06901-07000/06955 | runs-10601-10700/10609 | runs-03301-03400/03301 | runs-05101-05200/05128 | runs-08701-08800/08782 |
| p15.pddl | runs-01401-01500/01475 | runs-06901-07000/06956 | runs-10601-10700/10610 | runs-03301-03400/03302 | runs-05101-05200/05129 | runs-08701-08800/08783 |
| p16.pddl | runs-01401-01500/01476 | runs-06901-07000/06957 | runs-10601-10700/10611 | runs-03301-03400/03303 | runs-05101-05200/05130 | runs-08701-08800/08784 |
| p17.pddl | runs-01401-01500/01477 | runs-06901-07000/06958 | runs-10601-10700/10612 | runs-03301-03400/03304 | runs-05101-05200/05131 | runs-08701-08800/08785 |
| p18.pddl | runs-01401-01500/01478 | runs-06901-07000/06959 | runs-10601-10700/10613 | runs-03301-03400/03305 | runs-05101-05200/05132 | runs-08701-08800/08786 |
| p19.pddl | runs-01401-01500/01479 | runs-06901-07000/06960 | runs-10601-10700/10614 | runs-03301-03400/03306 | runs-05101-05200/05133 | runs-08701-08800/08787 |
| p20.pddl | runs-01401-01500/01480 | runs-06901-07000/06961 | runs-10601-10700/10615 | runs-03301-03400/03307 | runs-05101-05200/05134 | runs-08701-08800/08788 |

| Run dir  | default                | marked                 | naive                  | psvn                   | psvn_split             | watched                |
|----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| p01.pddl | runs-01401-01500/01481 | runs-06901-07000/06962 | runs-10601-10700/10616 | runs-03301-03400/03308 | runs-05101-05200/05135 | runs-08701-08800/08789 |
| p02.pddl | runs-01401-01500/01482 | runs-06901-07000/06963 | runs-10601-10700/10617 | runs-03301-03400/03309 | runs-05101-05200/05136 | runs-08701-08800/08790 |
| p03.pddl | runs-01401-01500/01483 | runs-06901-07000/06964 | runs-10601-10700/10618 | runs-03301-03400/03310 | runs-05101-05200/05137 | runs-08701-08800/08791 |
| p04.pddl | runs-01401-01500/01484 | runs-06901-07000/06965 | runs-10601-10700/10619 | runs-03301-03400/03311 | runs-05101-05200/05138 | runs-08701-08800/08792 |
| p05.pddl | runs-01401-01500/01485 | runs-06901-07000/06966 | runs-10601-10700/10620 | runs-03301-03400/03312 | runs-05101-05200/05139 | runs-08701-08800/08793 |
| p06.pddl | runs-01401-01500/01486 | runs-06901-07000/06967 | runs-10601-10700/10621 | runs-03301-03400/03313 | runs-05101-05200/05140 | runs-08701-08800/08794 |
| p07.pddl | runs-01401-01500/01487 | runs-06901-07000/06968 | runs-10601-10700/10622 | runs-03301-03400/03314 | runs-05101-05200/05141 | runs-08701-08800/08795 |
| p08.pddl | runs-01401-01500/01488 | runs-06901-07000/06969 | runs-10601-10700/10623 | runs-03301-03400/03315 | runs-05101-05200/05142 | runs-08701-08800/08796 |
| p09.pddl | runs-01401-01500/01489 | runs-06901-07000/06970 | runs-10601-10700/10624 | runs-03301-03400/03316 | runs-05101-05200/05143 | runs-08701-08800/08797 |
| p10.pddl | runs-01401-01500/01490 | runs-06901-07000/06971 | runs-10601-10700/10625 | runs-03301-03400/03317 | runs-05101-05200/05144 | runs-08701-08800/08798 |
| p11.pddl | runs-01401-01500/01491 | runs-06901-07000/06972 | runs-10601-10700/10626 | runs-03301-03400/03318 | runs-05101-05200/05145 | runs-08701-08800/08799 |
| p12.pddl | runs-01401-01500/01492 | runs-06901-07000/06973 | runs-10601-10700/10627 | runs-03301-03400/03319 | runs-05101-05200/05146 | runs-08701-08800/08800 |
| p13.pddl | runs-01401-01500/01493 | runs-06901-07000/06974 | runs-10601-10700/10628 | runs-03301-03400/03320 | runs-05101-05200/05147 | runs-08801-08900/08801 |
| p14.pddl | runs-01401-01500/01494 | runs-06901-07000/06975 | runs-10601-10700/10629 | runs-03301-03400/03321 | runs-05101-05200/05148 | runs-08801-08900/08802 |
| p15.pddl | runs-01401-01500/01495 | runs-06901-07000/06976 | runs-10601-10700/10630 | runs-03301-03400/03322 | runs-05101-05200/05149 | runs-08801-08900/08803 |
| p16.pddl | runs-01401-01500/01496 | runs-06901-07000/06977 | runs-10601-10700/10631 | runs-03301-03400/03323 | runs-05101-05200/05150 | runs-08801-08900/08804 |
| p17.pddl | runs-01401-01500/01497 | runs-06901-07000/06978 | runs-10601-10700/10632 | runs-03301-03400/03324 | runs-05101-05200/05151 | runs-08801-08900/08805 |
| p18.pddl | runs-01401-01500/01498 | runs-06901-07000/06979 | runs-10601-10700/10633 | runs-03301-03400/03325 | runs-05101-05200/05152 | runs-08801-08900/08806 |
| p19.pddl | runs-01401-01500/01499 | runs-06901-07000/06980 | runs-10601-10700/10634 | runs-03301-03400/03326 | runs-05101-05200/05153 | runs-08801-08900/08807 |
| p20.pddl | runs-01401-01500/01500 | runs-06901-07000/06981 | runs-10601-10700/10635 | runs-03301-03400/03327 | runs-05101-05200/05154 | runs-08801-08900/08808 |
| p21.pddl | runs-01501-01600/01501 | runs-06901-07000/06982 | runs-10601-10700/10636 | runs-03301-03400/03328 | runs-05101-05200/05155 | runs-08801-08900/08809 |
| p22.pddl | runs-01501-01600/01502 | runs-06901-07000/06983 | runs-10601-10700/10637 | runs-03301-03400/03329 | runs-05101-05200/05156 | runs-08801-08900/08810 |
| p23.pddl | runs-01501-01600/01503 | runs-06901-07000/06984 | runs-10601-10700/10638 | runs-03301-03400/03330 | runs-05101-05200/05157 | runs-08801-08900/08811 |
| p24.pddl | runs-01501-01600/01504 | runs-06901-07000/06985 | runs-10601-10700/10639 | runs-03301-03400/03331 | runs-05101-05200/05158 | runs-08801-08900/08812 |
| p25.pddl | runs-01501-01600/01505 | runs-06901-07000/06986 | runs-10601-10700/10640 | runs-03301-03400/03332 | runs-05101-05200/05159 | runs-08801-08900/08813 |
| p26.pddl | runs-01501-01600/01506 | runs-06901-07000/06987 | runs-10601-10700/10641 | runs-03301-03400/03333 | runs-05101-            |                        |

# termes-opt18-strips

| Run dir  | default                | marked                 | naive                  | psvn                   | psvn_split             | watched                |
|----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| p01.pddl | runs-01501-01600/01511 | runs-06901-07000/06992 | runs-10601-10700/10646 | runs-03301-03400/03338 | runs-05101-05200/05165 | runs-08801-08900/08819 |
| p02.pddl | runs-01501-01600/01512 | runs-06901-07000/06993 | runs-10601-10700/10647 | runs-03301-03400/03339 | runs-05101-05200/05166 | runs-08801-08900/08820 |
| p03.pddl | runs-01501-01600/01513 | runs-06901-07000/06994 | runs-10601-10700/10648 | runs-03301-03400/03340 | runs-05101-05200/05167 | runs-08801-08900/08821 |
| p04.pddl | runs-01501-01600/01514 | runs-06901-07000/06995 | runs-10601-10700/10649 | runs-03301-03400/03341 | runs-05101-05200/05168 | runs-08801-08900/08822 |
| p05.pddl | runs-01501-01600/01515 | runs-06901-07000/06996 | runs-10601-10700/10650 | runs-03301-03400/03342 | runs-05101-05200/05169 | runs-08801-08900/08823 |
| p06.pddl | runs-01501-01600/01516 | runs-06901-07000/06997 | runs-10601-10700/10651 | runs-03301-03400/03343 | runs-05101-05200/05170 | runs-08801-08900/08824 |
| p07.pddl | runs-01501-01600/01517 | runs-06901-07000/06998 | runs-10601-10700/10652 | runs-03301-03400/03344 | runs-05101-05200/05171 | runs-08801-08900/08825 |
| p08.pddl | runs-01501-01600/01518 | runs-06901-07000/06999 | runs-10601-10700/10653 | runs-03301-03400/03345 | runs-05101-05200/05172 | runs-08801-08900/08826 |
| p09.pddl | runs-01501-01600/01519 | runs-06901-07000/07000 | runs-10601-10700/10654 | runs-03301-03400/03346 | runs-05101-05200/05173 | runs-08801-08900/08827 |
| p10.pddl | runs-01501-01600/01520 | runs-07001-07100/07001 | runs-10601-10700/10655 | runs-03301-03400/03347 | runs-05101-05200/05174 | runs-08801-08900/08828 |
| p11.pddl | runs-01501-01600/01521 | runs-07001-07100/07002 | runs-10601-10700/10656 | runs-03301-03400/03348 | runs-05101-05200/05175 | runs-08801-08900/08829 |
| p12.pddl | runs-01501-01600/01522 | runs-07001-07100/07003 | runs-10601-10700/10657 | runs-03301-03400/03349 | runs-05101-05200/05176 | runs-08801-08900/08830 |
| p13.pddl | runs-01501-01600/01523 | runs-07001-07100/07004 | runs-10601-10700/10658 | runs-03301-03400/03350 | runs-05101-05200/05177 | runs-08801-08900/08831 |
| p14.pddl | runs-01501-01600/01524 | runs-07001-07100/07005 | runs-10601-10700/10659 | runs-03301-03400/03351 | runs-05101-05200/05178 | runs-08801-08900/08832 |
| p15.pddl | runs-01501-01600/01525 | runs-07001-07100/07006 | runs-10601-10700/10660 | runs-03301-03400/03352 | runs-05101-05200/05179 | runs-08801-08900/08833 |
| p16.pddl | runs-01501-01600/01526 | runs-07001-07100/07007 | runs-10601-10700/10661 | runs-03301-03400/03353 | runs-05101-05200/05180 | runs-08801-08900/08834 |
| p17.pddl | runs-01501-01600/01527 | runs-07001-07100/07008 | runs-10601-10700/10662 | runs-03301-03400/03354 | runs-05101-05200/05181 | runs-08801-08900/08835 |
| p18.pddl | runs-01501-01600/01528 | runs-07001-07100/07009 | runs-10601-10700/10663 | runs-03301-03400/03355 | runs-05101-05200/05182 | runs-08801-08900/08836 |
| p19.pddl | runs-01501-01600/01529 | runs-07001-07100/07010 | runs-10601-10700/10664 | runs-03301-03400/03356 | runs-05101-05200/05183 | runs-08801-08900/08837 |
| p20.pddl | runs-01501-01600/01530 | runs-07001-07100/07011 | runs-10601-10700/10665 | runs-03301-03400/03357 | runs-05101-05200/05184 | runs-08801-08900/08838 |



# tetris-opt14-strips

| Run dir     | default                | marked                 | naive                  | psvn                   | psvn_split             | watched                |
|-------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| p01-6.pddl  | runs-01501-01600/01531 | runs-07001-07100/07012 | runs-10601-10700/10666 | runs-03301-03400/03358 | runs-05101-05200/05185 | runs-08801-08900/08839 |
| p01-8.pddl  | runs-01501-01600/01532 | runs-07001-07100/07013 | runs-10601-10700/10667 | runs-03301-03400/03359 | runs-05101-05200/05186 | runs-08801-08900/08840 |
| p01-10.pddl | runs-01501-01600/01533 | runs-07001-07100/07014 | runs-10601-10700/10668 | runs-03301-03400/03360 | runs-05101-05200/05187 | runs-08801-08900/08841 |
| p02-4.pddl  | runs-01501-01600/01534 | runs-07001-07100/07015 | runs-10601-10700/10669 | runs-03301-03400/03361 | runs-05101-05200/05188 | runs-08801-08900/08842 |
| p02-6.pddl  | runs-01501-01600/01535 | runs-07001-07100/07016 | runs-10601-10700/10670 | runs-03301-03400/03362 | runs-05101-05200/05189 | runs-08801-08900/08843 |
| p02-8.pddl  | runs-01501-01600/01536 | runs-07001-07100/07017 | runs-10601-10700/10671 | runs-03301-03400/03363 | runs-05101-05200/05190 | runs-08801-08900/08844 |
| p02-10.pddl | runs-01501-01600/01537 | runs-07001-07100/07018 | runs-10601-10700/10672 | runs-03301-03400/03364 | runs-05101-05200/05191 | runs-08801-08900/08845 |
| p03-4.pddl  | runs-01501-01600/01538 | runs-07001-07100/07019 | runs-10601-10700/10673 | runs-03301-03400/03365 | runs-05101-05200/05192 | runs-08801-08900/08846 |
| p03-6.pddl  | runs-01501-01600/01539 | runs-07001-07100/07020 | runs-10601-10700/10674 | runs-03301-03400/03366 | runs-05101-05200/05193 | runs-08801-08900/08847 |
| p03-8.pddl  | runs-01501-01600/01540 | runs-07001-07100/07021 | runs-10601-10700/10675 | runs-03301-03400/03367 | runs-05101-05200/05194 | runs-08801-08900/08848 |
| p03-10.pddl | runs-01501-01600/01541 | runs-07001-07100/07022 | runs-10601-10700/10676 | runs-03301-03400/03368 | runs-05101-05200/05195 | runs-08801-08900/08849 |
| p04-6.pddl  | runs-01501-01600/01542 | runs-07001-07100/07023 | runs-10601-10700/10677 | runs-03301-03400/03369 | runs-05101-05200/05196 | runs-08801-08900/08850 |
| p04-8.pddl  | runs-01501-01600/01543 | runs-07001-07100/07024 | runs-10601-10700/10678 | runs-03301-03400/03370 | runs-05101-05200/05197 | runs-08801-08900/08851 |
| p04-10.pddl | runs-01501-01600/01544 | runs-07001-07100/07025 | runs-10601-10700/10679 | runs-03301-03400/03371 | runs-05101-05200/05198 | runs-08801-08900/08852 |
| p05-6.pddl  | runs-01501-01600/01545 | runs-07001-07100/07026 | runs-10601-10700/10680 | runs-03301-03400/03372 | runs-05101-05200/05199 | runs-08801-08900/08853 |
| p05-8.pddl  | runs-01501-01600/01546 | runs-07001-07100/07027 | runs-10601-10700/10681 | runs-03301-03400/03373 | runs-05101-05200/05200 | runs-08801-08900/08854 |
| p05-10.pddl | runs-01501-01600/01547 | runs-07001-07100/07028 | runs-10601-10700/10682 | runs-03301-03400/03374 | runs-05201-05300/05201 | runs-08801-08900/08855 |

## tidybot-opt11-strips

| Run dir  | default                | marked                 | naive                  | psvn                   | psvn_split             | watched                |
|----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| p01.pddl | runs-01501-01600/01548 | runs-07001-07100/07029 | runs-10601-10700/10683 | runs-03301-03400/03375 | runs-05201-05300/05202 | runs-08801-08900/08856 |
| p02.pddl | runs-01501-01600/01549 | runs-07001-07100/07030 | runs-10601-10700/10684 | runs-03301-03400/03376 | runs-05201-05300/05203 | runs-08801-08900/08857 |
| p03.pddl | runs-01501-01600/01550 | runs-07001-07100/07031 | runs-10601-10700/10685 | runs-03301-03400/03377 | runs-05201-05300/05204 | runs-08801-08900/08858 |
| p04.pddl | runs-01501-01600/01551 | runs-07001-07100/07032 | runs-10601-10700/10686 | runs-03301-03400/03378 | runs-05201-05300/05205 | runs-08801-08900/08859 |
| p05.pddl | runs-01501-01600/01552 | runs-07001-07100/07033 | runs-10601-10700/10687 | runs-03301-03400/03379 | runs-05201-05300/05206 | runs-08801-08900/08860 |
| p06.pddl | runs-01501-01600/01553 | runs-07001-07100/07034 | runs-10601-10700/10688 | runs-03301-03400/03380 | runs-05201-05300/05207 | runs-08801-08900/08861 |
| p07.pddl | runs-01501-01600/01554 | runs-07001-07100/07035 | runs-10601-10700/10689 | runs-03301-03400/03381 | runs-05201-05300/05208 | runs-08801-08900/08862 |
| p08.pddl | runs-01501-01600/01555 | runs-07001-07100/07036 | runs-10601-10700/10690 | runs-03301-03400/03382 | runs-05201-05300/05209 | runs-08801-08900/08863 |
| p09.pddl | runs-01501-01600/01556 | runs-07001-07100/07037 | runs-10601-10700/10691 | runs-03301-03400/03383 | runs-05201-05300/05210 | runs-08801-08900/08864 |
| p10.pddl | runs-01501-01600/01557 | runs-07001-07100/07038 | runs-10601-10700/10692 | runs-03301-03400/03384 | runs-05201-05300/05211 | runs-08801-08900/08865 |
| p11.pddl | runs-01501-01600/01558 | runs-07001-07100/07039 | runs-10601-10700/10693 | runs-03301-03400/03385 | runs-05201-05300/05212 | runs-08801-08900/08866 |
| p12.pddl | runs-01501-01600/01559 | runs-07001-07100/07040 | runs-10601-10700/10694 | runs-03301-03400/03386 | runs-05201-05300/05213 | runs-08801-08900/08867 |
| p13.pddl | runs-01501-01600/01560 | runs-07001-07100/07041 | runs-10601-10700/10695 | runs-03301-03400/03387 | runs-05201-05300/05214 | runs-08801-08900/08868 |
| p14.pddl | runs-01501-01600/01561 | runs-07001-07100/07042 | runs-10601-10700/10696 | runs-03301-03400/03388 | runs-05201-05300/05215 | runs-08801-08900/08869 |
| p15.pddl | runs-01501-01600/01562 | runs-07001-07100/07043 | runs-10601-10700/10697 | runs-03301-03400/03389 | runs-05201-05300/05216 | runs-08801-08900/08870 |
| p16.pddl | runs-01501-01600/01563 | runs-07001-07100/07044 | runs-10601-10700/10698 | runs-03301-03400/03390 | runs-05201-05300/05217 | runs-08801-08900/08871 |
| p17.pddl | runs-01501-01600/01564 | runs-07001-07100/07045 | runs-10601-10700/10699 | runs-03301-03400/03391 | runs-05201-05300/05218 | runs-08801-08900/08872 |
| p18.pddl | runs-01501-01600/01565 | runs-07001-07100/07046 | runs-10601-10700/10700 | runs-03301-03400/03392 | runs-05201-05300/05219 | runs-08801-08900/08873 |
| p19.pddl | runs-01501-01600/01566 | runs-07001-07100/07047 | runs-10701-10800/10701 | runs-03301-03400/03393 | runs-05201-05300/05220 | runs-08801-08900/08874 |
| p20.pddl | runs-01501-01600/01567 | runs-07001-07100/07048 | runs-10701-10800/10702 | runs-03301-03400/03394 | runs-05201-05300/05221 | runs-08801-08900/08875 |

## tidybot-opt14-strips

| Run dir  | default                | marked                 | naive                  | psvn                   | psvn_split             | watched                |
|----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| p01.pddl | runs-01501-01600/01568 | runs-07001-07100/07049 | runs-10701-10800/10703 | runs-03301-03400/03395 | runs-05201-05300/05222 | runs-08801-08900/08876 |
| p02.pddl | runs-01501-01600/01569 | runs-07001-07100/07050 | runs-10701-10800/10704 | runs-03301-03400/03396 | runs-05201-05300/05223 | runs-08801-08900/08877 |
| p03.pddl | runs-01501-01600/01570 | runs-07001-07100/07051 | runs-10701-10800/10705 | runs-03301-03400/03397 | runs-05201-05300/05224 | runs-08801-08900/08878 |
| p04.pddl | runs-01501-01600/01571 | runs-07001-07100/07052 | runs-10701-10800/10706 | runs-03301-03400/03398 | runs-05201-05300/05225 | runs-08801-08900/08879 |
| p05.pddl | runs-01501-01600/01572 | runs-07001-07100/07053 | runs-10701-10800/10707 | runs-03301-03400/03399 | runs-05201-05300/05226 | runs-08801-08900/08880 |
| p06.pddl | runs-01501-01600/01573 | runs-07001-07100/07054 | runs-10701-10800/10708 | runs-03301-03400/03400 | runs-05201-05300/05227 | runs-08801-08900/08881 |
| p07.pddl | runs-01501-01600/01574 | runs-07001-07100/07055 | runs-10701-10800/10709 | runs-03401-03500/03401 | runs-05201-05300/05228 | runs-08801-08900/08882 |
| p08.pddl | runs-01501-01600/01575 | runs-07001-07100/07056 | runs-10701-10800/10710 | runs-03401-03500/03402 | runs-05201-05300/05229 | runs-08801-08900/08883 |
| p09.pddl | runs-01501-01600/01576 | runs-07001-07100/07057 | runs-10701-10800/10711 | runs-03401-03500/03403 | runs-05201-05300/05230 | runs-08801-08900/08884 |
| p10.pddl | runs-01501-01600/01577 | runs-07001-07100/07058 | runs-10701-10800/10712 | runs-03401-03500/03404 | runs-05201-05300/05231 | runs-08801-08900/08885 |
| p11.pddl | runs-01501-01600/01578 | runs-07001-07100/07059 | runs-10701-10800/10713 | runs-03401-03500/03405 | runs-05201-05300/05232 | runs-08801-08900/08886 |
| p12.pddl | runs-01501-01600/01579 | runs-07001-07100/07060 | runs-10701-10800/10714 | runs-03401-03500/03406 | runs-05201-05300/05233 | runs-08801-08900/08887 |
| p13.pddl | runs-01501-01600/01580 | runs-07001-07100/07061 | runs-10701-10800/10715 | runs-03401-03500/03407 | runs-05201-05300/05234 | runs-08801-08900/08888 |
| p14.pddl | runs-01501-01600/01581 | runs-07001-07100/07062 | runs-10701-10800/10716 | runs-03401-03500/03408 | runs-05201-05300/05235 | runs-08801-08900/08889 |
| p15.pddl | runs-01501-01600/01582 | runs-07001-07100/07063 | runs-10701-10800/10717 | runs-03401-03500/03409 | runs-05201-05300/05236 | runs-08801-08900/08890 |
| p16.pddl | runs-01501-01600/01583 | runs-07001-07100/07064 | runs-10701-10800/10718 | runs-03401-03500/03410 | runs-05201-05300/05237 | runs-08801-08900/08891 |
| p17.pddl | runs-01501-01600/01584 | runs-07001-07100/07065 | runs-10701-10800/10719 | runs-03401-03500/03411 | runs-05201-05300/05238 | runs-08801-08900/08892 |
| p18.pddl | runs-01501-01600/01585 | runs-07001-07100/07066 | runs-10701-10800/10720 | runs-03401-03500/03412 | runs-05201-05300/05239 | runs-08801-08900/08893 |
| p19.pddl | runs-01501-01600/01586 | runs-07001-07100/07067 | runs-10701-10800/10721 | runs-03401-03500/03413 | runs-05201-05300/05240 | runs-08801-08900/08894 |
| p20.pddl | runs-01501-01600/01587 | runs-07001-07100/07068 | runs-10701-10800/10722 | runs-03401-03500/03414 | runs-05201-05300/05241 | runs-08801-08900/08895 |

## tpp

| Run dir  | default                | marked                 | naive                  | psvn                   | psvn_split             | watched                |
|----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| p01.pddl | runs-01501-01600/01588 | runs-07001-07100/07069 | runs-10701-10800/10723 | runs-03401-03500/03415 | runs-05201-05300/05242 | runs-08801-08900/08896 |
| p02.pddl | runs-01501-01600/01589 | runs-07001-07100/07070 | runs-10701-10800/10724 | runs-03401-03500/03416 | runs-05201-05300/05243 | runs-08801-08900/08897 |
| p03.pddl | runs-01501-01600/01590 | runs-07001-07100/07071 | runs-10701-10800/10725 | runs-03401-03500/03417 | runs-05201-05300/05244 | runs-08801-08900/08898 |
| p04.pddl | runs-01501-01600/01591 | runs-07001-07100/07072 | runs-10701-10800/10726 | runs-03401-03500/03418 | runs-05201-05300/05245 | runs-08801-08900/08899 |
| p05.pddl | runs-01501-01600/01592 | runs-07001-07100/07073 | runs-10701-10800/10727 | runs-03401-03500/03419 | runs-05201-05300/05246 | runs-08801-08900/08900 |
| p06.pddl | runs-01501-01600/01593 | runs-07001-07100/07074 | runs-10701-10800/10728 | runs-03401-03500/03420 | runs-05201-05300/05247 | runs-08901-09000/08901 |
| p07.pddl | runs-01501-01600/01594 | runs-07001-07100/07075 | runs-10701-10800/10729 | runs-03401-03500/03421 | runs-05201-05300/05248 | runs-08901-09000/08902 |
| p08.pddl | runs-01501-01600/01595 | runs-07001-07100/07076 | runs-10701-10800/10730 | runs-03401-03500/03422 | runs-05201-05300/05249 | runs-08901-09000/08903 |
| p09.pddl | runs-01501-01600/01596 | runs-07001-07100/07077 | runs-10701-10800/10731 | runs-03401-03500/03423 | runs-05201-05300/05250 | runs-08901-09000/08904 |
| p10.pddl | runs-01501-01600/01597 | runs-07001-07100/07078 | runs-10701-10800/10732 | runs-03401-03500/03424 | runs-05201-05300/05251 | runs-08901-09000/08905 |
| p11.pddl | runs-01501-01600/01598 | runs-07001-07100/07079 | runs-10701-10800/10733 | runs-03401-03500/03425 | runs-05201-05300/05252 | runs-08901-09000/08906 |
| p12.pddl | runs-01501-01600/01599 | runs-07001-07100/07080 | runs-10701-10800/10734 | runs-03401-03500/03426 | runs-05201-05300/05253 | runs-08901-09000/08907 |
| p13.pddl | runs-01501-01600/01600 | runs-07001-07100/07081 | runs-10701-10800/10735 | runs-03401-03500/03427 | runs-05201-05300/05254 | runs-08901-09000/08908 |
| p14.pddl | runs-01601-01700/01601 | runs-07001-07100/07082 | runs-10701-10800/10736 | runs-03401-03500/03428 | runs-05201-05300/05255 | runs-08901-09000/08909 |
| p15.pddl | runs-01601-01700/01602 | runs-07001-07100/07083 | runs-10701-10800/10737 | runs-03401-03500/03429 | runs-05201-05300/05256 | runs-08901-09000/08910 |
| p16.pddl | runs-01601-01700/01603 | runs-07001-07100/07084 | runs-10701-10800/10738 | runs-03401-03500/03430 | runs-05201-05300/05257 | runs-08901-09000/08911 |
| p17.pddl | runs-01601-01700/01604 | runs-07001-07100/07085 | runs-10701-10800/10739 | runs-03401-03500/03431 | runs-05201-05300/05258 | runs-08901-09000/08912 |
| p18.pddl | runs-01601-01700/01605 | runs-07001-07100/07086 | runs-10701-10800/10740 | runs-03401-03500/03432 | runs-05201-05300/05259 | runs-08901-09000/08913 |
| p19.pddl | runs-01601-01700/01606 | runs-07001-07100/07087 | runs-10701-10800/10741 | runs-03401-03500/03433 | runs-05201-05300/05260 | runs-08901-09000/08914 |
| p20.pddl | runs-01601-01700/01607 | runs-07001-07100/07088 | runs-10701-10800/10742 | runs-03401-03500/03434 | runs-05201-05300/05261 | runs-08901-09000/08915 |
| p21.pddl | runs-01601-01700/01608 | runs-07001-07100/07089 | runs-10701-10800/10743 | runs-03401-03500/03435 | runs-05201-05300/05262 | runs-08901-09000/08916 |
| p22.pddl | runs-01601-01700/01609 | runs-07001-07100/07090 | runs-10701-10800/10744 | runs-03401-03500/03436 | runs-05201-05300/05263 | runs-08901-09000/08917 |
| p23.pddl | runs-01601-01700/01610 | runs-07001-07100/07091 | runs-10701-10800/10745 | runs-03401-03500/03437 | runs-05201-05300/05264 | runs-08901-09000/08918 |
| p24.pddl | runs-01601-01700/01611 | runs-07001-07100/07092 | runs-10701-10800/10746 | runs-03401-03500/03438 | runs-05201-05300/05265 | runs-08901-09000/08919 |
| p25.pddl | runs-01601-01700/01612 | runs-07001-07100/07093 | runs-10701-10800/10747 | runs-03401-03500/03439 | runs-05201-05300/05266 | runs-08901-09000/08920 |
| p26.pddl | runs-01601-01700/01613 | runs-07001-07100/07094 | runs-10701-10800/10748 | runs-03401-03500/03440 | runs-05201-05300/05267 | runs-08901-09000/08921 |
| p27.pddl | runs-01601-01700/01614 | runs-07001-07100/07095 | runs-10701-10800/10749 | runs-03401-03500/03441 | runs-05201-05300/05268 | runs-08901-09000/08922 |
| p28.pddl | runs-01601-01700/01615 | runs-07001-07100/07096 | runs-10701-10800/10750 | runs-03401-03500/03442 | runs-05201-05300/05269 | runs-08901-09000/08923 |
| p29.pddl | runs-01601-01700/01616 | runs-07001-07100/07097 | runs-10701-10800/10751 | runs-03401-03500/03443 | runs-05201-05300/05270 | runs-08901-09000/08924 |
| p30.pddl | runs-01601-01700/01617 | runs-07001-07100/07098 | runs-10701-10800/10752 | runs-03401-03500/03444 | runs-05201-05300/05271 | runs-08901-09000/08925 |

# transport-opt08-strips

| Run dir  | default                | marked                 | naive                  | psvn                   | psvn_split             | watched                |
|----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| p01.pddl | runs-01601-01700/01618 | runs-07001-07100/07099 | runs-10701-10800/10753 | runs-03401-03500/03445 | runs-05201-05300/05272 | runs-08901-09000/08926 |
| p02.pddl | runs-01601-01700/01619 | runs-07001-07100/07100 | runs-10701-10800/10754 | runs-03401-03500/03446 | runs-05201-05300/05273 | runs-08901-09000/08927 |
| p03.pddl | runs-01601-01700/01620 | runs-07101-07200/07101 | runs-10701-10800/10755 | runs-03401-03500/03447 | runs-05201-05300/05274 | runs-08901-09000/08928 |
| p04.pddl | runs-01601-01700/01621 | runs-07101-07200/07102 | runs-10701-10800/10756 | runs-03401-03500/03448 | runs-05201-05300/05275 | runs-08901-09000/08929 |
| p05.pddl | runs-01601-01700/01622 | runs-07101-07200/07103 | runs-10701-10800/10757 | runs-03401-03500/03449 | runs-05201-05300/05276 | runs-08901-09000/08930 |
| p06.pddl | runs-01601-01700/01623 | runs-07101-07200/07104 | runs-10701-10800/10758 | runs-03401-03500/03450 | runs-05201-05300/05277 | runs-08901-09000/08931 |
| p07.pddl | runs-01601-01700/01624 | runs-07101-07200/07105 | runs-10701-10800/10759 | runs-03401-03500/03451 | runs-05201-05300/05278 | runs-08901-09000/08932 |
| p08.pddl | runs-01601-01700/01625 | runs-07101-07200/07106 | runs-10701-10800/10760 | runs-03401-03500/03452 | runs-05201-05300/05279 | runs-08901-09000/08933 |
| p09.pddl | runs-01601-01700/01626 | runs-07101-07200/07107 | runs-10701-10800/10761 | runs-03401-03500/03453 | runs-05201-05300/05280 | runs-08901-09000/08934 |
| p10.pddl | runs-01601-01700/01627 | runs-07101-07200/07108 | runs-10701-10800/10762 | runs-03401-03500/03454 | runs-05201-05300/05281 | runs-08901-09000/08935 |
| p11.pddl | runs-01601-01700/01628 | runs-07101-07200/07109 | runs-10701-10800/10763 | runs-03401-03500/03455 | runs-05201-05300/05282 | runs-08901-09000/08936 |
| p12.pddl | runs-01601-01700/01629 | runs-07101-07200/07110 | runs-10701-10800/10764 | runs-03401-03500/03456 | runs-05201-05300/05283 | runs-08901-09000/08937 |
| p13.pddl | runs-01601-01700/01630 | runs-07101-07200/07111 | runs-10701-10800/10765 | runs-03401-03500/03457 | runs-05201-05300/05284 | runs-08901-09000/08938 |
| p14.pddl | runs-01601-01700/01631 | runs-07101-07200/07112 | runs-10701-10800/10766 | runs-03401-03500/03458 | runs-05201-05300/05285 | runs-08901-09000/08939 |
| p15.pddl | runs-01601-01700/01632 | runs-07101-07200/07113 | runs-10701-10800/10767 | runs-03401-03500/03459 | runs-05201-05300/05286 | runs-08901-09000/08940 |
| p16.pddl | runs-01601-01700/01633 | runs-07101-07200/07114 | runs-10701-10800/10768 | runs-03401-03500/03460 | runs-05201-05300/05287 | runs-08901-09000/08941 |
| p17.pddl | runs-01601-01700/01634 | runs-07101-07200/07115 | runs-10701-10800/10769 | runs-03401-03500/03461 | runs-05201-05300/05288 | runs-08901-09000/08942 |
| p18.pddl | runs-01601-01700/01635 | runs-07101-07200/07116 | runs-10701-10800/10770 | runs-03401-03500/03462 | runs-05201-05300/05289 | runs-08901-09000/08943 |
| p19.pddl | runs-01601-01700/01636 | runs-07101-07200/07117 | runs-10701-10800/10771 | runs-03401-03500/03463 | runs-05201-05300/05290 | runs-08901-09000/08944 |
| p20.pddl | runs-01601-01700/01637 | runs-07101-07200/07118 | runs-10701-10800/10772 | runs-03401-03500/03464 | runs-05201-05300/05291 | runs-08901-09000/08945 |
| p21.pddl | runs-01601-01700/01638 | runs-07101-07200/07119 | runs-10701-10800/10773 | runs-03401-03500/03465 | runs-05201-05300/05292 | runs-08901-09000/08946 |
| p22.pddl | runs-01601-01700/01639 | runs-07101-07200/07120 | runs-10701-10800/10774 | runs-03401-03500/03466 | runs-05201-05300/05293 | runs-08901-09000/08947 |
| p23.pddl | runs-01601-01700/01640 | runs-07101-07200/07121 | runs-10701-10800/10775 | runs-03401-03500/03467 | runs-05201-05300/05294 | runs-08901-09000/08948 |
| p24.pddl | runs-01601-01700/01641 | runs-07101-07200/07122 | runs-10701-10800/10776 | runs-03401-03500/03468 | runs-05201-05300/05295 | runs-08901-09000/08949 |
| p25.pddl | runs-01601-01700/01642 | runs-07101-07200/07123 | runs-10701-10800/10777 | runs-03401-03500/03469 | runs-05201-05300/05296 | runs-08901-09000/08950 |
| p26.pddl | runs-01601-01700/01643 | runs-07101-07200/07124 | runs-10701-10800/10778 | runs-03401-03500/03470 | runs-05201-05300/05297 | runs-08901-09000/08951 |
| p27.pddl | runs-01601-01700/01644 | runs-07101-07200/07125 | runs-10701-10800/10779 | runs-03401-03500/03471 | runs-05201-05300/05298 | runs-08901-09000/08952 |
| p28.pddl | runs-01601-01700/01645 | runs-07101-07200/07126 | runs-10701-10800/10780 | runs-03401-03500/03472 | runs-05201-05300/05299 | runs-08901-09000/08953 |
| p29.pddl | runs-01601-01700/01646 | runs-07101-07200/07127 | runs-10701-10800/10781 | runs-03401-03500/03473 | runs-05201-05300/05300 | runs-08901-09000/08954 |
| p30.pddl | runs-01601-01700/01647 | runs-07101-07200/07128 | runs-10701-10800/10782 | runs-03401-03500/03474 | runs-05301-05400/05301 | runs-08901-09000/08955 |

## transport-opt11-strips

| Run dir  | default                | marked                 | naive                  | psvn                   | psvn_split             | watched                |
|----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| p01.pddl | runs-01601-01700/01648 | runs-07101-07200/07129 | runs-10701-10800/10783 | runs-03401-03500/03475 | runs-05301-05400/05302 | runs-08901-09000/08956 |
| p02.pddl | runs-01601-01700/01649 | runs-07101-07200/07130 | runs-10701-10800/10784 | runs-03401-03500/03476 | runs-05301-05400/05303 | runs-08901-09000/08957 |
| p03.pddl | runs-01601-01700/01650 | runs-07101-07200/07131 | runs-10701-10800/10785 | runs-03401-03500/03477 | runs-05301-05400/05304 | runs-08901-09000/08958 |
| p04.pddl | runs-01601-01700/01651 | runs-07101-07200/07132 | runs-10701-10800/10786 | runs-03401-03500/03478 | runs-05301-05400/05305 | runs-08901-09000/08959 |
| p05.pddl | runs-01601-01700/01652 | runs-07101-07200/07133 | runs-10701-10800/10787 | runs-03401-03500/03479 | runs-05301-05400/05306 | runs-08901-09000/08960 |
| p06.pddl | runs-01601-01700/01653 | runs-07101-07200/07134 | runs-10701-10800/10788 | runs-03401-03500/03480 | runs-05301-05400/05307 | runs-08901-09000/08961 |
| p07.pddl | runs-01601-01700/01654 | runs-07101-07200/07135 | runs-10701-10800/10789 | runs-03401-03500/03481 | runs-05301-05400/05308 | runs-08901-09000/08962 |
| p08.pddl | runs-01601-01700/01655 | runs-07101-07200/07136 | runs-10701-10800/10790 | runs-03401-03500/03482 | runs-05301-05400/05309 | runs-08901-09000/08963 |
| p09.pddl | runs-01601-01700/01656 | runs-07101-07200/07137 | runs-10701-10800/10791 | runs-03401-03500/03483 | runs-05301-05400/05310 | runs-08901-09000/08964 |
| p10.pddl | runs-01601-01700/01657 | runs-07101-07200/07138 | runs-10701-10800/10792 | runs-03401-03500/03484 | runs-05301-05400/05311 | runs-08901-09000/08965 |
| p11.pddl | runs-01601-01700/01658 | runs-07101-07200/07139 | runs-10701-10800/10793 | runs-03401-03500/03485 | runs-05301-05400/05312 | runs-08901-09000/08966 |
| p12.pddl | runs-01601-01700/01659 | runs-07101-07200/07140 | runs-10701-10800/10794 | runs-03401-03500/03486 | runs-05301-05400/05313 | runs-08901-09000/08967 |
| p13.pddl | runs-01601-01700/01660 | runs-07101-07200/07141 | runs-10701-10800/10795 | runs-03401-03500/03487 | runs-05301-05400/05314 | runs-08901-09000/08968 |
| p14.pddl | runs-01601-01700/01661 | runs-07101-07200/07142 | runs-10701-10800/10796 | runs-03401-03500/03488 | runs-05301-05400/05315 | runs-08901-09000/08969 |
| p15.pddl | runs-01601-01700/01662 | runs-07101-07200/07143 | runs-10701-10800/10797 | runs-03401-03500/03489 | runs-05301-05400/05316 | runs-08901-09000/08970 |
| p16.pddl | runs-01601-01700/01663 | runs-07101-07200/07144 | runs-10701-10800/10798 | runs-03401-03500/03490 | runs-05301-05400/05317 | runs-08901-09000/08971 |
| p17.pddl | runs-01601-01700/01664 | runs-07101-07200/07145 | runs-10701-10800/10799 | runs-03401-03500/03491 | runs-05301-05400/05318 | runs-08901-09000/08972 |
| p18.pddl | runs-01601-01700/01665 | runs-07101-07200/07146 | runs-10701-10800/10800 | runs-03401-03500/03492 | runs-05301-05400/05319 | runs-08901-09000/08973 |
| p19.pddl | runs-01601-01700/01666 | runs-07101-07200/07147 | runs-10801-10900/10801 | runs-03401-03500/03493 | runs-05301-05400/05320 | runs-08901-09000/08974 |
| p20.pddl | runs-01601-01700/01667 | runs-07101-07200/07148 | runs-10801-10900/10802 | runs-03401-03500/03494 | runs-05301-05400/05321 | runs-08901-09000/08975 |

## transport-opt14-strips

| Run dir  | default                | marked                 | naive                  | psvn                   | psvn_split             | watched                |
|----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| p01.pddl | runs-01601-01700/01668 | runs-07101-07200/07149 | runs-10801-10900/10803 | runs-03401-03500/03495 | runs-05301-05400/05322 | runs-08901-09000/08976 |
| p02.pddl | runs-01601-01700/01669 | runs-07101-07200/07150 | runs-10801-10900/10804 | runs-03401-03500/03496 | runs-05301-05400/05323 | runs-08901-09000/08977 |
| p03.pddl | runs-01601-01700/01670 | runs-07101-07200/07151 | runs-10801-10900/10805 | runs-03401-03500/03497 | runs-05301-05400/05324 | runs-08901-09000/08978 |
| p04.pddl | runs-01601-01700/01671 | runs-07101-07200/07152 | runs-10801-10900/10806 | runs-03401-03500/03498 | runs-05301-05400/05325 | runs-08901-09000/08979 |
| p05.pddl | runs-01601-01700/01672 | runs-07101-07200/07153 | runs-10801-10900/10807 | runs-03401-03500/03499 | runs-05301-05400/05326 | runs-08901-09000/08980 |
| p06.pddl | runs-01601-01700/01673 | runs-07101-07200/07154 | runs-10801-10900/10808 | runs-03401-03500/03500 | runs-05301-05400/05327 | runs-08901-09000/08981 |
| p07.pddl | runs-01601-01700/01674 | runs-07101-07200/07155 | runs-10801-10900/10809 | runs-03501-03600/03501 | runs-05301-05400/05328 | runs-08901-09000/08982 |
| p08.pddl | runs-01601-01700/01675 | runs-07101-07200/07156 | runs-10801-10900/10810 | runs-03501-03600/03502 | runs-05301-05400/05329 | runs-08901-09000/08983 |
| p09.pddl | runs-01601-01700/01676 | runs-07101-07200/07157 | runs-10801-10900/10811 | runs-03501-03600/03503 | runs-05301-05400/05330 | runs-08901-09000/08984 |
| p10.pddl | runs-01601-01700/01677 | runs-07101-07200/07158 | runs-10801-10900/10812 | runs-03501-03600/03504 | runs-05301-05400/05331 | runs-08901-09000/08985 |
| p11.pddl | runs-01601-01700/01678 | runs-07101-07200/07159 | runs-10801-10900/10813 | runs-03501-03600/03505 | runs-05301-05400/05332 | runs-08901-09000/08986 |
| p12.pddl | runs-01601-01700/01679 | runs-07101-07200/07160 | runs-10801-10900/10814 | runs-03501-03600/03506 | runs-05301-05400/05333 | runs-08901-09000/08987 |
| p13.pddl | runs-01601-01700/01680 | runs-07101-07200/07161 | runs-10801-10900/10815 | runs-03501-03600/03507 | runs-05301-05400/05334 | runs-08901-09000/08988 |
| p14.pddl | runs-01601-01700/01681 | runs-07101-07200/07162 | runs-10801-10900/10816 | runs-03501-03600/03508 | runs-05301-05400/05335 | runs-08901-09000/08989 |
| p15.pddl | runs-01601-01700/01682 | runs-07101-07200/07163 | runs-10801-10900/10817 | runs-03501-03600/03509 | runs-05301-05400/05336 | runs-08901-09000/08990 |
| p16.pddl | runs-01601-01700/01683 | runs-07101-07200/07164 | runs-10801-10900/10818 | runs-03501-03600/03510 | runs-05301-05400/05337 | runs-08901-09000/08991 |
| p17.pddl | runs-01601-01700/01684 | runs-07101-07200/07165 | runs-10801-10900/10819 | runs-03501-03600/03511 | runs-05301-05400/05338 | runs-08901-09000/08992 |
| p18.pddl | runs-01601-01700/01685 | runs-07101-07200/07166 | runs-10801-10900/10820 | runs-03501-03600/03512 | runs-05301-05400/05339 | runs-08901-09000/08993 |
| p19.pddl | runs-01601-01700/01686 | runs-07101-07200/07167 | runs-10801-10900/10821 | runs-03501-03600/03513 | runs-05301-05400/05340 | runs-08901-09000/08994 |
| p20.pddl | runs-01601-01700/01687 | runs-07101-07200/07168 | runs-10801-10900/10822 | runs-03501-03600/03514 | runs-05301-05400/05341 | runs-08901-09000/08995 |

## trucks-strips

| Run dir  | default                | marked                 | naive                  | psvn                   | psvn_split             | watched                |
|----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| p01.pddl | runs-01601-01700/01688 | runs-07101-07200/07169 | runs-10801-10900/10823 | runs-03501-03600/03515 | runs-05301-05400/05342 | runs-08901-09000/08996 |
| p02.pddl | runs-01601-01700/01689 | runs-07101-07200/07170 | runs-10801-10900/10824 | runs-03501-03600/03516 | runs-05301-05400/05343 | runs-08901-09000/08997 |
| p03.pddl | runs-01601-01700/01690 | runs-07101-07200/07171 | runs-10801-10900/10825 | runs-03501-03600/03517 | runs-05301-05400/05344 | runs-08901-09000/08998 |
| p04.pddl | runs-01601-01700/01691 | runs-07101-07200/07172 | runs-10801-10900/10826 | runs-03501-03600/03518 | runs-05301-05400/05345 | runs-08901-09000/08999 |
| p05.pddl | runs-01601-01700/01692 | runs-07101-07200/07173 | runs-10801-10900/10827 | runs-03501-03600/03519 | runs-05301-05400/05346 | runs-08901-09000/09000 |
| p06.pddl | runs-01601-01700/01693 | runs-07101-07200/07174 | runs-10801-10900/10828 | runs-03501-03600/03520 | runs-05301-05400/05347 | runs-09001-09100/09001 |
| p07.pddl | runs-01601-01700/01694 | runs-07101-07200/07175 | runs-10801-10900/10829 | runs-03501-03600/03521 | runs-05301-05400/05348 | runs-09001-09100/09002 |
| p08.pddl | runs-01601-01700/01695 | runs-07101-07200/07176 | runs-10801-10900/10830 | runs-03501-03600/03522 | runs-05301-05400/05349 | runs-09001-09100/09003 |
| p09.pddl | runs-01601-01700/01696 | runs-07101-07200/07177 | runs-10801-10900/10831 | runs-03501-03600/03523 | runs-05301-05400/05350 | runs-09001-09100/09004 |
| p10.pddl | runs-01601-01700/01697 | runs-07101-07200/07178 | runs-10801-10900/10832 | runs-03501-03600/03524 | runs-05301-05400/05351 | runs-09001-09100/09005 |
| p11.pddl | runs-01601-01700/01698 | runs-07101-07200/07179 | runs-10801-10900/10833 | runs-03501-03600/03525 | runs-05301-05400/05352 | runs-09001-09100/09006 |
| p12.pddl | runs-01601-01700/01699 | runs-07101-07200/07180 | runs-10801-10900/10834 | runs-03501-03600/03526 | runs-05301-05400/05353 | runs-09001-09100/09007 |
| p13.pddl | runs-01601-01700/01700 | runs-07101-07200/07181 | runs-10801-10900/10835 | runs-03501-03600/03527 | runs-05301-05400/05354 | runs-09001-09100/09008 |
| p14.pddl | runs-01701-01800/01701 | runs-07101-07200/07182 | runs-10801-10900/10836 | runs-03501-03600/03528 | runs-05301-05400/05355 | runs-09001-09100/09009 |
| p15.pddl | runs-01701-01800/01702 | runs-07101-07200/07183 | runs-10801-10900/10837 | runs-03501-03600/03529 | runs-05301-05400/05356 | runs-09001-09100/09010 |
| p16.pddl | runs-01701-01800/01703 | runs-07101-07200/07184 | runs-10801-10900/10838 | runs-03501-03600/03530 | runs-05301-05400/05357 | runs-09001-09100/09011 |
| p17.pddl | runs-01701-01800/01704 | runs-07101-07200/07185 | runs-10801-10900/10839 | runs-03501-03600/03531 | runs-05301-05400/05358 | runs-09001-09100/09012 |
| p18.pddl | runs-01701-01800/01705 | runs-07101-07200/07186 | runs-10801-10900/10840 | runs-03501-03600/03532 | runs-05301-05400/05359 | runs-09001-09100/09013 |
| p19.pddl | runs-01701-01800/01706 | runs-07101-07200/07187 | runs-10801-10900/10841 | runs-03501-03600/03533 | runs-05301-05400/05360 | runs-09001-09100/09014 |
| p20.pddl | runs-01701-01800/01707 | runs-07101-07200/07188 | runs-10801-10900/10842 | runs-03501-03600/03534 | runs-05301-05400/05361 | runs-09001-09100/09015 |
| p21.pddl | runs-01701-01800/01708 | runs-07101-07200/07189 | runs-10801-10900/10843 | runs-03501-03600/03535 | runs-05301-05400/05362 | runs-09001-09100/09016 |
| p22.pddl | runs-01701-01800/01709 | runs-07101-07200/07190 | runs-10801-10900/10844 | runs-03501-03600/03536 | runs-05301-05400/05363 | runs-09001-09100/09017 |
| p23.pddl | runs-01701-01800/01710 | runs-07101-07200/07191 | runs-10801-10900/10845 | runs-03501-03600/03537 | runs-05301-05400/05364 | runs-09001-09100/09018 |
| p24.pddl | runs-01701-01800/01711 | runs-07101-07200/07192 | runs-10801-10900/10846 | runs-03501-03600/03538 | runs-05301-05400/05365 | runs-09001-09100/09019 |
| p25.pddl | runs-01701-01800/01712 | runs-07101-07200/07193 | runs-10801-10900/10847 | runs-03501-03600/03539 | runs-05301-05400/05366 | runs-09001-09100/09020 |
| p26.pddl | runs-01701-01800/01713 | runs-07101-07200/07194 | runs-10801-10900/10848 | runs-03501-03600/03540 | runs-05301-05400/05367 | runs-09001-09100/09021 |
| p27.pddl | runs-01701-01800/01714 | runs-07101-07200/07195 | runs-10801-10900/10849 | runs-03501-03600/03541 | runs-05301-05400/05368 | runs-09001-09100/09022 |
| p28.pddl | runs-01701-01800/01715 | runs-07101-07200/07196 | runs-10801-10900/10850 | runs-03501-03600/03542 | runs-05301-05400/05369 | runs-09001-09100/09023 |
| p29.pddl | runs-01701-01800/01716 | runs-07101-07200/07197 | runs-10801-10900/10851 | runs-03501-03600/03543 | runs-05301-05400/05370 | runs-09001-09100/09024 |
| p30.pddl | runs-01701-01800/01717 | runs-07101-07200/07198 | runs-10801-10900/10852 | runs-03501-03600/03544 | runs-05301-05400/05371 | runs-09001-09100/09025 |



## visitall-opt11-strips

| Run dir             | default                | marked                 | naive                  | psvn                   | psvn_split             | watched                |
|---------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| problem02-full.pddl | runs-01701-01800/01718 | runs-07101-07200/07199 | runs-10801-10900/10853 | runs-03501-03600/03545 | runs-05301-05400/05372 | runs-09001-09100/09026 |
| problem02-half.pddl | runs-01701-01800/01719 | runs-07101-07200/07200 | runs-10801-10900/10854 | runs-03501-03600/03546 | runs-05301-05400/05373 | runs-09001-09100/09027 |
| problem03-full.pddl | runs-01701-01800/01720 | runs-07201-07300/07201 | runs-10801-10900/10855 | runs-03501-03600/03547 | runs-05301-05400/05374 | runs-09001-09100/09028 |
| problem03-half.pddl | runs-01701-01800/01721 | runs-07201-07300/07202 | runs-10801-10900/10856 | runs-03501-03600/03548 | runs-05301-05400/05375 | runs-09001-09100/09029 |
| problem04-full.pddl | runs-01701-01800/01722 | runs-07201-07300/07203 | runs-10801-10900/10857 | runs-03501-03600/03549 | runs-05301-05400/05376 | runs-09001-09100/09030 |
| problem04-half.pddl | runs-01701-01800/01723 | runs-07201-07300/07204 | runs-10801-10900/10858 | runs-03501-03600/03550 | runs-05301-05400/05377 | runs-09001-09100/09031 |
| problem05-full.pddl | runs-01701-01800/01724 | runs-07201-07300/07205 | runs-10801-10900/10859 | runs-03501-03600/03551 | runs-05301-05400/05378 | runs-09001-09100/09032 |
| problem05-half.pddl | runs-01701-01800/01725 | runs-07201-07300/07206 | runs-10801-10900/10860 | runs-03501-03600/03552 | runs-05301-05400/05379 | runs-09001-09100/09033 |
| problem06-full.pddl | runs-01701-01800/01726 | runs-07201-07300/07207 | runs-10801-10900/10861 | runs-03501-03600/03553 | runs-05301-05400/05380 | runs-09001-09100/09034 |
| problem06-half.pddl | runs-01701-01800/01727 | runs-07201-07300/07208 | runs-10801-10900/10862 | runs-03501-03600/03554 | runs-05301-05400/05381 | runs-09001-09100/09035 |
| problem07-full.pddl | runs-01701-01800/01728 | runs-07201-07300/07209 | runs-10801-10900/10863 | runs-03501-03600/03555 | runs-05301-05400/05382 | runs-09001-09100/09036 |
| problem07-half.pddl | runs-01701-01800/01729 | runs-07201-07300/07210 | runs-10801-10900/10864 | runs-03501-03600/03556 | runs-05301-05400/05383 | runs-09001-09100/09037 |
| problem08-full.pddl | runs-01701-01800/01730 | runs-07201-07300/07211 | runs-10801-10900/10865 | runs-03501-03600/03557 | runs-05301-05400/05384 | runs-09001-09100/09038 |
| problem08-half.pddl | runs-01701-01800/01731 | runs-07201-07300/07212 | runs-10801-10900/10866 | runs-03501-03600/03558 | runs-05301-05400/05385 | runs-09001-09100/09039 |
| problem09-full.pddl | runs-01701-01800/01732 | runs-07201-07300/07213 | runs-10801-10900/10867 | runs-03501-03600/03559 | runs-05301-05400/05386 | runs-09001-09100/09040 |
| problem09-half.pddl | runs-01701-01800/01733 | runs-07201-07300/07214 | runs-10801-10900/10868 | runs-03501-03600/03560 | runs-05301-05400/05387 | runs-09001-09100/09041 |
| problem10-full.pddl | runs-01701-01800/01734 | runs-07201-07300/07215 | runs-10801-10900/10869 | runs-03501-03600/03561 | runs-05301-05400/05388 | runs-09001-09100/09042 |
| problem10-half.pddl | runs-01701-01800/01735 | runs-07201-07300/07216 | runs-10801-10900/10870 | runs-03501-03600/03562 | runs-05301-05400/05389 | runs-09001-09100/09043 |
| problem11-full.pddl | runs-01701-01800/01736 | runs-07201-07300/07217 | runs-10801-10900/10871 | runs-03501-03600/03563 | runs-05301-05400/05390 | runs-09001-09100/09044 |
| problem11-half.pddl | runs-01701-01800/01737 | runs-07201-07300/07218 | runs-10801-10900/10872 | runs-03501-03600/03564 | runs-05301-05400/05391 | runs-09001-09100/09045 |

# visitall-opt14-strips

| Run dir      | default                | marked                 | naive                  | psvn                   | psvn_split             | watched                |
|--------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| p-1-5.pddl   | runs-01701-01800/01738 | runs-07201-07300/07219 | runs-10801-10900/10873 | runs-03501-03600/03565 | runs-05301-05400/05392 | runs-09001-09100/09046 |
| p-1-6.pddl   | runs-01701-01800/01739 | runs-07201-07300/07220 | runs-10801-10900/10874 | runs-03501-03600/03566 | runs-05301-05400/05393 | runs-09001-09100/09047 |
| p-1-7.pddl   | runs-01701-01800/01740 | runs-07201-07300/07221 | runs-10801-10900/10875 | runs-03501-03600/03567 | runs-05301-05400/05394 | runs-09001-09100/09048 |
| p-1-8.pddl   | runs-01701-01800/01741 | runs-07201-07300/07222 | runs-10801-10900/10876 | runs-03501-03600/03568 | runs-05301-05400/05395 | runs-09001-09100/09049 |
| p-1-9.pddl   | runs-01701-01800/01742 | runs-07201-07300/07223 | runs-10801-10900/10877 | runs-03501-03600/03569 | runs-05301-05400/05396 | runs-09001-09100/09050 |
| p-1-10.pddl  | runs-01701-01800/01743 | runs-07201-07300/07224 | runs-10801-10900/10878 | runs-03501-03600/03570 | runs-05301-05400/05397 | runs-09001-09100/09051 |
| p-1-11.pddl  | runs-01701-01800/01744 | runs-07201-07300/07225 | runs-10801-10900/10879 | runs-03501-03600/03571 | runs-05301-05400/05398 | runs-09001-09100/09052 |
| p-1-12.pddl  | runs-01701-01800/01745 | runs-07201-07300/07226 | runs-10801-10900/10880 | runs-03501-03600/03572 | runs-05301-05400/05399 | runs-09001-09100/09053 |
| p-1-13.pddl  | runs-01701-01800/01746 | runs-07201-07300/07227 | runs-10801-10900/10881 | runs-03501-03600/03573 | runs-05301-05400/05400 | runs-09001-09100/09054 |
| p-1-14.pddl  | runs-01701-01800/01747 | runs-07201-07300/07228 | runs-10801-10900/10882 | runs-03501-03600/03574 | runs-05401-05500/05401 | runs-09001-09100/09055 |
| p-1-15.pddl  | runs-01701-01800/01748 | runs-07201-07300/07229 | runs-10801-10900/10883 | runs-03501-03600/03575 | runs-05401-05500/05402 | runs-09001-09100/09056 |
| p-1-16.pddl  | runs-01701-01800/01749 | runs-07201-07300/07230 | runs-10801-10900/10884 | runs-03501-03600/03576 | runs-05401-05500/05403 | runs-09001-09100/09057 |
| p-1-17.pddl  | runs-01701-01800/01750 | runs-07201-07300/07231 | runs-10801-10900/10885 | runs-03501-03600/03577 | runs-05401-05500/05404 | runs-09001-09100/09058 |
| p-1-18.pddl  | runs-01701-01800/01751 | runs-07201-07300/07232 | runs-10801-10900/10886 | runs-03501-03600/03578 | runs-05401-05500/05405 | runs-09001-09100/09059 |
| p-05-5.pddl  | runs-01701-01800/01752 | runs-07201-07300/07233 | runs-10801-10900/10887 | runs-03501-03600/03579 | runs-05401-05500/05406 | runs-09001-09100/09060 |
| p-05-6.pddl  | runs-01701-01800/01753 | runs-07201-07300/07234 | runs-10801-10900/10888 | runs-03501-03600/03580 | runs-05401-05500/05407 | runs-09001-09100/09061 |
| p-05-7.pddl  | runs-01701-01800/01754 | runs-07201-07300/07235 | runs-10801-10900/10889 | runs-03501-03600/03581 | runs-05401-05500/05408 | runs-09001-09100/09062 |
| p-05-8.pddl  | runs-01701-01800/01755 | runs-07201-07300/07236 | runs-10801-10900/10890 | runs-03501-03600/03582 | runs-05401-05500/05409 | runs-09001-09100/09063 |
| p-05-9.pddl  | runs-01701-01800/01756 | runs-07201-07300/07237 | runs-10801-10900/10891 | runs-03501-03600/03583 | runs-05401-05500/05410 | runs-09001-09100/09064 |
| p-05-10.pddl | runs-01701-01800/01757 | runs-07201-07300/07238 | runs-10801-10900/10892 | runs-03501-03600/03584 | runs-05401-05500/05411 | runs-09001-09100/09065 |

## woodworking-opt08-strips

| Run dir  | default                | marked                 | naive                  | psvn                   | psvn_split             | watched                |
|----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| p01.pddl | runs-01701-01800/01758 | runs-07201-07300/07239 | runs-10801-10900/10893 | runs-03501-03600/03585 | runs-05401-05500/05412 | runs-09001-09100/09066 |
| p02.pddl | runs-01701-01800/01759 | runs-07201-07300/07240 | runs-10801-10900/10894 | runs-03501-03600/03586 | runs-05401-05500/05413 | runs-09001-09100/09067 |
| p03.pddl | runs-01701-01800/01760 | runs-07201-07300/07241 | runs-10801-10900/10895 | runs-03501-03600/03587 | runs-05401-05500/05414 | runs-09001-09100/09068 |
| p04.pddl | runs-01701-01800/01761 | runs-07201-07300/07242 | runs-10801-10900/10896 | runs-03501-03600/03588 | runs-05401-05500/05415 | runs-09001-09100/09069 |
| p05.pddl | runs-01701-01800/01762 | runs-07201-07300/07243 | runs-10801-10900/10897 | runs-03501-03600/03589 | runs-05401-05500/05416 | runs-09001-09100/09070 |
| p06.pddl | runs-01701-01800/01763 | runs-07201-07300/07244 | runs-10801-10900/10898 | runs-03501-03600/03590 | runs-05401-05500/05417 | runs-09001-09100/09071 |
| p07.pddl | runs-01701-01800/01764 | runs-07201-07300/07245 | runs-10801-10900/10899 | runs-03501-03600/03591 | runs-05401-05500/05418 | runs-09001-09100/09072 |
| p08.pddl | runs-01701-01800/01765 | runs-07201-07300/07246 | runs-10801-10900/10900 | runs-03501-03600/03592 | runs-05401-05500/05419 | runs-09001-09100/09073 |
| p09.pddl | runs-01701-01800/01766 | runs-07201-07300/07247 | runs-10901-11000/10901 | runs-03501-03600/03593 | runs-05401-05500/05420 | runs-09001-09100/09074 |
| p10.pddl | runs-01701-01800/01767 | runs-07201-07300/07248 | runs-10901-11000/10902 | runs-03501-03600/03594 | runs-05401-05500/05421 | runs-09001-09100/09075 |
| p11.pddl | runs-01701-01800/01768 | runs-07201-07300/07249 | runs-10901-11000/10903 | runs-03501-03600/03595 | runs-05401-05500/05422 | runs-09001-09100/09076 |
| p12.pddl | runs-01701-01800/01769 | runs-07201-07300/07250 | runs-10901-11000/10904 | runs-03501-03600/03596 | runs-05401-05500/05423 | runs-09001-09100/09077 |
| p13.pddl | runs-01701-01800/01770 | runs-07201-07300/07251 | runs-10901-11000/10905 | runs-03501-03600/03597 | runs-05401-05500/05424 | runs-09001-09100/09078 |
| p14.pddl | runs-01701-01800/01771 | runs-07201-07300/07252 | runs-10901-11000/10906 | runs-03501-03600/03598 | runs-05401-05500/05425 | runs-09001-09100/09079 |
| p15.pddl | runs-01701-01800/01772 | runs-07201-07300/07253 | runs-10901-11000/10907 | runs-03501-03600/03599 | runs-05401-05500/05426 | runs-09001-09100/09080 |
| p16.pddl | runs-01701-01800/01773 | runs-07201-07300/07254 | runs-10901-11000/10908 | runs-03501-03600/03600 | runs-05401-05500/05427 | runs-09001-09100/09081 |
| p17.pddl | runs-01701-01800/01774 | runs-07201-07300/07255 | runs-10901-11000/10909 | runs-03601-03700/03601 | runs-05401-05500/05428 | runs-09001-09100/09082 |
| p18.pddl | runs-01701-01800/01775 | runs-07201-07300/07256 | runs-10901-11000/10910 | runs-03601-03700/03602 | runs-05401-05500/05429 | runs-09001-09100/09083 |
| p19.pddl | runs-01701-01800/01776 | runs-07201-07300/07257 | runs-10901-11000/10911 | runs-03601-03700/03603 | runs-05401-05500/05430 | runs-09001-09100/09084 |
| p20.pddl | runs-01701-01800/01777 | runs-07201-07300/07258 | runs-10901-11000/10912 | runs-03601-03700/03604 | runs-05401-05500/05431 | runs-09001-09100/09085 |
| p21.pddl | runs-01701-01800/01778 | runs-07201-07300/07259 | runs-10901-11000/10913 | runs-03601-03700/03605 | runs-05401-05500/05432 | runs-09001-09100/09086 |
| p22.pddl | runs-01701-01800/01779 | runs-07201-07300/07260 | runs-10901-11000/10914 | runs-03601-03700/03606 | runs-05401-05500/05433 | runs-09001-09100/09087 |
| p23.pddl | runs-01701-01800/01780 | runs-07201-07300/07261 | runs-10901-11000/10915 | runs-03601-03700/03607 | runs-05401-05500/05434 | runs-09001-09100/09088 |
| p24.pddl | runs-01701-01800/01781 | runs-07201-07300/07262 | runs-10901-11000/10916 | runs-03601-03700/03608 | runs-05401-05500/05435 | runs-09001-09100/09089 |
| p25.pddl | runs-01701-01800/01782 | runs-07201-07300/07263 | runs-10901-11000/10917 | runs-03601-03700/03609 | runs-05401-05500/05436 | runs-09001-09100/09090 |
| p26.pddl | runs-01701-01800/01783 | runs-07201-07300/07264 | runs-10901-11000/10918 | runs-03601-03700/03610 | runs-05401-05500/05437 | runs-09001-09100/09091 |
| p27.pddl | runs-01701-01800/01784 | runs-07201-07300/07265 | runs-10901-11000/10919 | runs-03601-03700/03611 | runs-05401-05500/05438 | runs-09001-09100/09092 |
| p28.pddl | runs-01701-01800/01785 | runs-07201-07300/07266 | runs-10901-11000/10920 | runs-03601-03700/03612 | runs-05401-05500/05439 | runs-09001-09100/09093 |
| p29.pddl | runs-01701-01800/01786 | runs-07201-07300/07267 | runs-10901-11000/10921 | runs-03601-03700/03613 | runs-05401-05500/05440 | runs-09001-09100/09094 |
| p30.pddl | runs-01701-01800/01787 | runs-07201-07300/07268 | runs-10901-11000/10922 | runs-03601-03700/03614 | runs-05401-05500/05441 | runs-09001-09100/09095 |

## woodworking-opt11-strips

| Run dir  | default                | marked                 | naive                  | psvn                   | psvn_split             | watched                |
|----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| p01.pddl | runs-01701-01800/01788 | runs-07201-07300/07269 | runs-10901-11000/10923 | runs-03601-03700/03615 | runs-05401-05500/05442 | runs-09001-09100/09096 |
| p02.pddl | runs-01701-01800/01789 | runs-07201-07300/07270 | runs-10901-11000/10924 | runs-03601-03700/03616 | runs-05401-05500/05443 | runs-09001-09100/09097 |
| p03.pddl | runs-01701-01800/01790 | runs-07201-07300/07271 | runs-10901-11000/10925 | runs-03601-03700/03617 | runs-05401-05500/05444 | runs-09001-09100/09098 |
| p04.pddl | runs-01701-01800/01791 | runs-07201-07300/07272 | runs-10901-11000/10926 | runs-03601-03700/03618 | runs-05401-05500/05445 | runs-09001-09100/09099 |
| p05.pddl | runs-01701-01800/01792 | runs-07201-07300/07273 | runs-10901-11000/10927 | runs-03601-03700/03619 | runs-05401-05500/05446 | runs-09001-09100/09100 |
| p06.pddl | runs-01701-01800/01793 | runs-07201-07300/07274 | runs-10901-11000/10928 | runs-03601-03700/03620 | runs-05401-05500/05447 | runs-09101-09200/09101 |
| p07.pddl | runs-01701-01800/01794 | runs-07201-07300/07275 | runs-10901-11000/10929 | runs-03601-03700/03621 | runs-05401-05500/05448 | runs-09101-09200/09102 |
| p08.pddl | runs-01701-01800/01795 | runs-07201-07300/07276 | runs-10901-11000/10930 | runs-03601-03700/03622 | runs-05401-05500/05449 | runs-09101-09200/09103 |
| p09.pddl | runs-01701-01800/01796 | runs-07201-07300/07277 | runs-10901-11000/10931 | runs-03601-03700/03623 | runs-05401-05500/05450 | runs-09101-09200/09104 |
| p10.pddl | runs-01701-01800/01797 | runs-07201-07300/07278 | runs-10901-11000/10932 | runs-03601-03700/03624 | runs-05401-05500/05451 | runs-09101-09200/09105 |
| p11.pddl | runs-01701-01800/01798 | runs-07201-07300/07279 | runs-10901-11000/10933 | runs-03601-03700/03625 | runs-05401-05500/05452 | runs-09101-09200/09106 |
| p12.pddl | runs-01701-01800/01799 | runs-07201-07300/07280 | runs-10901-11000/10934 | runs-03601-03700/03626 | runs-05401-05500/05453 | runs-09101-09200/09107 |
| p13.pddl | runs-01701-01800/01800 | runs-07201-07300/07281 | runs-10901-11000/10935 | runs-03601-03700/03627 | runs-05401-05500/05454 | runs-09101-09200/09108 |
| p14.pddl | runs-01801-01900/01801 | runs-07201-07300/07282 | runs-10901-11000/10936 | runs-03601-03700/03628 | runs-05401-05500/05455 | runs-09101-09200/09109 |
| p15.pddl | runs-01801-01900/01802 | runs-07201-07300/07283 | runs-10901-11000/10937 | runs-03601-03700/03629 | runs-05401-05500/05456 | runs-09101-09200/09110 |
| p16.pddl | runs-01801-01900/01803 | runs-07201-07300/07284 | runs-10901-11000/10938 | runs-03601-03700/03630 | runs-05401-05500/05457 | runs-09101-09200/09111 |
| p17.pddl | runs-01801-01900/01804 | runs-07201-07300/07285 | runs-10901-11000/10939 | runs-03601-03700/03631 | runs-05401-05500/05458 | runs-09101-09200/09112 |
| p18.pddl | runs-01801-01900/01805 | runs-07201-07300/07286 | runs-10901-11000/10940 | runs-03601-03700/03632 | runs-05401-05500/05459 | runs-09101-09200/09113 |
| p19.pddl | runs-01801-01900/01806 | runs-07201-07300/07287 | runs-10901-11000/10941 | runs-03601-03700/03633 | runs-05401-05500/05460 | runs-09101-09200/09114 |
| p20.pddl | runs-01801-01900/01807 | runs-07201-07300/07288 | runs-10901-11000/10942 | runs-03601-03700/03634 | runs-05401-05500/05461 | runs-09101-09200/09115 |

# zenotravel

| Run dir  | default                | marked                 | naive                  | psvn                   | psvn_split             | watched                |
|----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| p01.pddl | runs-01801-01900/01808 | runs-07201-07300/07289 | runs-10901-11000/10943 | runs-03601-03700/03635 | runs-05401-05500/05462 | runs-09101-09200/09116 |
| p02.pddl | runs-01801-01900/01809 | runs-07201-07300/07290 | runs-10901-11000/10944 | runs-03601-03700/03636 | runs-05401-05500/05463 | runs-09101-09200/09117 |
| p03.pddl | runs-01801-01900/01810 | runs-07201-07300/07291 | runs-10901-11000/10945 | runs-03601-03700/03637 | runs-05401-05500/05464 | runs-09101-09200/09118 |
| p04.pddl | runs-01801-01900/01811 | runs-07201-07300/07292 | runs-10901-11000/10946 | runs-03601-03700/03638 | runs-05401-05500/05465 | runs-09101-09200/09119 |
| p05.pddl | runs-01801-01900/01812 | runs-07201-07300/07293 | runs-10901-11000/10947 | runs-03601-03700/03639 | runs-05401-05500/05466 | runs-09101-09200/09120 |
| p06.pddl | runs-01801-01900/01813 | runs-07201-07300/07294 | runs-10901-11000/10948 | runs-03601-03700/03640 | runs-05401-05500/05467 | runs-09101-09200/09121 |
| p07.pddl | runs-01801-01900/01814 | runs-07201-07300/07295 | runs-10901-11000/10949 | runs-03601-03700/03641 | runs-05401-05500/05468 | runs-09101-09200/09122 |
| p08.pddl | runs-01801-01900/01815 | runs-07201-07300/07296 | runs-10901-11000/10950 | runs-03601-03700/03642 | runs-05401-05500/05469 | runs-09101-09200/09123 |
| p09.pddl | runs-01801-01900/01816 | runs-07201-07300/07297 | runs-10901-11000/10951 | runs-03601-03700/03643 | runs-05401-05500/05470 | runs-09101-09200/09124 |
| p10.pddl | runs-01801-01900/01817 | runs-07201-07300/07298 | runs-10901-11000/10952 | runs-03601-03700/03644 | runs-05401-05500/05471 | runs-09101-09200/09125 |
| p11.pddl | runs-01801-01900/01818 | runs-07201-07300/07299 | runs-10901-11000/10953 | runs-03601-03700/03645 | runs-05401-05500/05472 | runs-09101-09200/09126 |
| p12.pddl | runs-01801-01900/01819 | runs-07201-07300/07300 | runs-10901-11000/10954 | runs-03601-03700/03646 | runs-05401-05500/05473 | runs-09101-09200/09127 |
| p13.pddl | runs-01801-01900/01820 | runs-07301-07400/07301 | runs-10901-11000/10955 | runs-03601-03700/03647 | runs-05401-05500/05474 | runs-09101-09200/09128 |
| p14.pddl | runs-01801-01900/01821 | runs-07301-07400/07302 | runs-10901-11000/10956 | runs-03601-03700/03648 | runs-05401-05500/05475 | runs-09101-09200/09129 |
| p15.pddl | runs-01801-01900/01822 | runs-07301-07400/07303 | runs-10901-11000/10957 | runs-03601-03700/03649 | runs-05401-05500/05476 | runs-09101-09200/09130 |
| p16.pddl | runs-01801-01900/01823 | runs-07301-07400/07304 | runs-10901-11000/10958 | runs-03601-03700/03650 | runs-05401-05500/05477 | runs-09101-09200/09131 |
| p17.pddl | runs-01801-01900/01824 | runs-07301-07400/07305 | runs-10901-11000/10959 | runs-03601-03700/03651 | runs-05401-05500/05478 | runs-09101-09200/09132 |
| p18.pddl | runs-01801-01900/01825 | runs-07301-07400/07306 | runs-10901-11000/10960 | runs-03601-03700/03652 | runs-05401-05500/05479 | runs-09101-09200/09133 |
| p19.pddl | runs-01801-01900/01826 | runs-07301-07400/07307 | runs-10901-11000/10961 | runs-03601-03700/03653 | runs-05401-05500/05480 | runs-09101-09200/09134 |
| p20.pddl | runs-01801-01900/01827 | runs-07301-07400/07308 | runs-10901-11000/10962 | runs-03601-03700/03654 | runs-05401-05500/05481 | runs-09101-09200/09135 |

## search\_time

| Search time                        | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| airport (9)                        | <b>0.01</b> | <b>0.01</b> | 0.01        | 0.01        | <b>0.01</b> | 0.01        |
| blocks (6)                         | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| depot (1)                          | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| driverlog (4)                      | <b>0.04</b> | 0.05        | 0.05        | 0.05        | 0.05        | 0.05        |
| elevators-opt08-strips (1)         | <b>0.10</b> | 0.12        | 0.14        | 0.13        | 0.12        | 0.13        |
| floortile-opt11-strips (4)         | <b>0.11</b> | 0.12        | 0.14        | 0.12        | 0.13        | 0.14        |
| floortile-opt14-strips (2)         | <b>0.11</b> | 0.12        | 0.14        | 0.12        | 0.13        | 0.14        |
| ged-opt14-strips (3)               | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| gripper (4)                        | 0.02        | 0.02        | 0.03        | 0.02        | <b>0.02</b> | 0.03        |
| hiking-opt14-strips (7)            | <b>0.05</b> | 0.07        | 0.11        | 0.05        | 0.06        | 0.07        |
| logistics00 (10)                   | <b>0.05</b> | 0.05        | 0.05        | 0.05        | 0.05        | 0.06        |
| logistics98 (2)                    | <b>0.08</b> | 0.08        | 0.10        | 0.09        | 0.09        | 0.09        |
| miconic (150)                      | 0.08        | 0.10        | 0.16        | <b>0.08</b> | 0.09        | 0.13        |
| mystery (4)                        | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| nomystery-opt11-strips (6)         | <b>0.03</b> | 0.04        | 0.08        | 0.04        | 0.04        | 0.04        |
| openstacks-opt08-strips (4)        | <b>0.02</b> | 0.02        | 0.02        | 0.02        | 0.02        | 0.02        |
| openstacks-strips (5)              | <b>0.03</b> | 0.03        | 0.04        | 0.03        | 0.03        | 0.04        |
| organic-synthesis-opt18-strips (4) | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| parcprinter-08-strips (7)          | 0.03        | 0.03        | 0.03        | <b>0.03</b> | 0.03        | 0.03        |
| parcprinter-opt11-strips (3)       | 0.06        | 0.06        | 0.06        | <b>0.06</b> | 0.08        | 0.07        |
| pegsol-08-strips (2)               | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| psr-small (45)                     | 0.01        | 0.02        | 0.02        | 0.01        | <b>0.01</b> | 0.02        |
| rovers (6)                         | <b>0.02</b> | 0.03        | 0.03        | 0.03        | 0.03        | 0.03        |
| satellite (5)                      | <b>0.04</b> | 0.04        | 0.05        | 0.04        | 0.04        | 0.05        |
| scanalyzer-08-strips (6)           | <b>0.03</b> | 0.03        | 0.04        | 0.03        | 0.03        | 0.03        |
| scanalyzer-opt11-strips (3)        | <b>0.04</b> | 0.04        | 0.05        | 0.04        | 0.04        | 0.05        |
| sokoban-opt08-strips (3)           | 0.01        | 0.01        | 0.01        | 0.01        | <b>0.01</b> | 0.01        |
| storage (7)                        | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| termes-opt18-strips (6)            | <b>0.06</b> | 0.08        | 0.13        | 0.06        | 0.08        | 0.08        |
| tpp (5)                            | <b>0.01</b> | 0.01        | 0.01        | 0.02        | 0.01        | 0.02        |
| transport-opt08-strips (6)         | <b>0.02</b> | 0.02        | 0.03        | 0.02        | 0.02        | 0.02        |
| transport-opt11-strips (1)         | <b>0.09</b> | 0.10        | 0.14        | 0.09        | 0.10        | 0.10        |
| transport-opt14-strips (1)         | <b>0.09</b> | 0.10        | 0.13        | 0.11        | 0.10        | 0.11        |
| trucks-strips (3)                  | <b>0.06</b> | 0.06        | 0.10        | 0.06        | 0.06        | 0.08        |
| visitall-opt11-strips (20)         | 0.04        | 0.05        | 0.05        | <b>0.04</b> | 0.05        | 0.09        |
| visitall-opt14-strips (20)         | <b>0.08</b> | 0.10        | 0.13        | 0.09        | 0.09        | 0.41        |
| woodworking-opt08-strips (2)       | <b>0.02</b> | 0.02        | 0.02        | 0.02        | 0.02        | 0.02        |
| zenotravel (7)                     | 0.04        | <b>0.04</b> | 0.05        | 0.04        | 0.04        | 0.05        |
| <b>Geometric mean (384)</b>        | <b>0.03</b> | 0.03        | 0.04        | 0.03        | 0.03        | 0.04        |

Only instances where all algorithms have a value for "search\_time" are considered. Each table entry gives the geometric mean of "search\_time" for that domain. The last row reports the geometric mean across all domains.

### agricola-opt18-strips

| Search time | default     | marked | naive | psvn | psvn_split | watched |
|-------------|-------------|--------|-------|------|------------|---------|
| p01.pddl    | <b>0.07</b> | 1.29   | 5.83  | None | 2.76       | 0.41    |
| p02.pddl    | <b>0.11</b> | 1.97   | 9.59  | None | 5.39       | 0.46    |
| p03.pddl    | <b>0.08</b> | 2.86   | 18.09 | None | None       | 0.44    |
| p04.pddl    | <b>0.06</b> | 1.43   | 4.19  | None | 5.58       | 0.49    |
| p05.pddl    | <b>0.10</b> | 2.50   | 11.17 | None | 11.38      | 0.52    |
| p06.pddl    | <b>0.12</b> | 3.35   | 27.37 | None | None       | 0.52    |
| p07.pddl    | <b>0.09</b> | 1.69   | 7.26  | None | 11.39      | 0.57    |
| p08.pddl    | <b>0.08</b> | 2.60   | 17.03 | None | None       | 0.54    |
| p09.pddl    | <b>0.11</b> | 3.96   | 29.10 | None | None       | 0.61    |
| p10.pddl    | <b>0.11</b> | 2.06   | 8.78  | None | None       | 0.66    |
| p11.pddl    | <b>0.10</b> | 3.04   | 18.85 | None | None       | 0.67    |
| p12.pddl    | <b>0.10</b> | 4.33   | 31.26 | None | None       | 0.66    |
| p13.pddl    | <b>0.10</b> | 2.17   | 10.80 | None | None       | 0.73    |
| p14.pddl    | <b>0.08</b> | 3.64   | 22.06 | None | None       | 0.70    |
| p15.pddl    | <b>0.09</b> | 4.82   | 35.84 | None | None       | 0.77    |
| p16.pddl    | <b>0.10</b> | 2.26   | 13.08 | None | None       | 0.77    |
| p17.pddl    | <b>0.11</b> | 3.71   | 24.38 | None | None       | 0.82    |
| p18.pddl    | <b>0.08</b> | 5.35   | 37.80 | None | None       | 0.72    |
| p19.pddl    | <b>0.11</b> | 2.70   | 16.05 | None | None       | 0.88    |
| p20.pddl    | <b>0.11</b> | 4.06   | 28.49 | None | 66.96      | 0.84    |

## airport

| Search time                  | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| p01-airport1-p1.pddl         | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p02-airport1-p1.pddl         | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p03-airport1-p2.pddl         | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p04-airport2-p1.pddl         | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p05-airport2-p1.pddl         | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p06-airport2-p2.pddl         | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | 0.01        | <b>0.01</b> | 0.05        |
| p07-airport2-p2.pddl         | <b>0.01</b> | <b>0.01</b> | 0.01        | 0.01        | <b>0.01</b> | 0.05        |
| p08-airport2-p3.pddl         | 0.12        | <b>0.10</b> | 0.13        | None        | None        | 0.93        |
| p09-airport2-p4.pddl         | 0.13        | 0.12        | 0.15        | None        | <b>0.01</b> | 1.43        |
| p10-airport3-p1.pddl         | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p11-airport3-p1.pddl         | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p12-airport3-p2.pddl         | 0.01        | 0.01        | 0.01        | None        | <b>0.01</b> | 0.06        |
| p13-airport3-p2.pddl         | 0.01        | <b>0.01</b> | 0.01        | None        | <b>0.01</b> | 0.06        |
| p14-airport3-p3.pddl         | 0.12        | 0.11        | 0.14        | None        | <b>0.01</b> | 1.11        |
| p15-airport3-p3.pddl         | 0.13        | 0.10        | 0.14        | None        | <b>0.02</b> | 1.14        |
| p16-airport3-p4.pddl         | 0.16        | <b>0.14</b> | 0.18        | None        | None        | 1.67        |
| p17-airport3-p5.pddl         | 0.20        | 0.18        | 0.23        | None        | <b>0.06</b> | 2.31        |
| p18-airport3-p6.pddl         | 0.25        | <b>0.24</b> | 0.29        | None        | 3.39        | 3.19        |
| p19-airport3-p6.pddl         | 0.18        | <b>0.18</b> | 0.22        | None        | None        | 2.65        |
| p20-airport3-p7.pddl         | 0.27        | <b>0.26</b> | 0.35        | None        | None        | 3.99        |
| p21-airport4halfMUC-p2.pddl  | 0.37        | <b>0.22</b> | 0.37        | None        | None        | 11.34       |
| p22-airport4halfMUC-p3.pddl  | 0.44        | <b>0.32</b> | 0.54        | None        | None        | 20.04       |
| p23-airport4halfMUC-p4.pddl  | 0.53        | 0.44        | 0.73        | None        | <b>0.16</b> | 30.94       |
| p24-airport4halfMUC-p4.pddl  | 0.70        | <b>0.49</b> | 0.77        | None        | None        | 30.90       |
| p25-airport4halfMUC-p5.pddl  | 0.80        | <b>0.63</b> | 1.03        | None        | None        | 45.39       |
| p26-airport4halfMUC-p6.pddl  | 0.89        | <b>0.80</b> | 1.35        | None        | None        | 60.83       |
| p27-airport4halfMUC-p6.pddl  | 1.08        | <b>0.91</b> | 1.38        | None        | None        | 62.41       |
| p28-airport4halfMUC-p7.pddl  | 1.19        | <b>1.12</b> | 1.64        | None        | None        | 78.84       |
| p29-airport4halfMUC-p8.pddl  | <b>1.32</b> | 1.34        | 2.14        | None        | None        | 99.68       |
| p30-airport4halfMUC-p8.pddl  | 1.49        | <b>1.46</b> | 1.94        | None        | None        | 101.34      |
| p31-airport4halfMUC-p9.pddl  | <b>1.58</b> | 1.62        | 2.44        | None        | None        | 125.64      |
| p32-airport4halfMUC-p10.pddl | <b>1.72</b> | 2.00        | 2.69        | None        | None        | 151.68      |
| p33-airport4halfMUC-p10.pddl | <b>1.93</b> | 2.10        | 2.55        | None        | None        | 153.04      |
| p34-airport4halfMUC-p11.pddl | <b>2.04</b> | 2.33        | 3.20        | None        | None        | 177.72      |
| p35-airport4halfMUC-p12.pddl | <b>2.07</b> | 2.61        | 3.68        | None        | None        | 208.58      |
| p36-airport5MUC-p2.pddl      | 0.48        | <b>0.28</b> | 0.48        | None        | None        | 18.96       |
| p37-airport5MUC-p3.pddl      | 0.82        | <b>0.45</b> | 0.77        | None        | None        | 33.68       |
| p38-airport5MUC-p3.pddl      | 0.68        | <b>0.46</b> | 0.76        | None        | None        | 33.52       |
| p39-airport5MUC-p4.pddl      | 1.03        | <b>0.69</b> | 1.06        | None        | None        | 52.31       |
| p40-airport5MUC-p4.pddl      | 0.92        | <b>0.65</b> | 1.08        | None        | None        | 52.00       |
| p41-airport5MUC-p4.pddl      | 0.80        | <b>0.63</b> | 1.07        | None        | None        | 52.61       |
| p42-airport5MUC-p5.pddl      | 1.18        | <b>0.91</b> | 1.32        | None        | None        | 75.66       |
| p43-airport5MUC-p5.pddl      | 1.06        | <b>0.85</b> | 1.38        | None        | None        | 76.13       |



### barman-opt11-strips

| Search time      | default     | marked | naive | psvn | psvn_split | watched |
|------------------|-------------|--------|-------|------|------------|---------|
| pfile01-001.pddl | <b>0.07</b> | 0.10   | 0.12  | None | 0.14       | 0.24    |
| pfile01-002.pddl | <b>0.07</b> | 0.09   | 0.12  | None | 0.15       | 0.25    |
| pfile01-003.pddl | <b>0.07</b> | 0.09   | 0.12  | None | 0.13       | 0.25    |
| pfile01-004.pddl | <b>0.07</b> | 0.09   | 0.12  | None | 0.13       | 0.26    |
| pfile02-005.pddl | <b>0.09</b> | 0.11   | 0.15  | None | 0.17       | 0.36    |
| pfile02-006.pddl | <b>0.09</b> | 0.11   | 0.15  | None | 0.18       | 0.37    |
| pfile02-007.pddl | <b>0.09</b> | 0.11   | 0.15  | None | 0.17       | 0.36    |
| pfile02-008.pddl | <b>0.09</b> | 0.11   | 0.15  | None | 0.17       | 0.36    |
| pfile03-009.pddl | <b>0.09</b> | 0.13   | 0.18  | None | 0.19       | 0.51    |
| pfile03-010.pddl | <b>0.09</b> | 0.13   | 0.17  | None | 0.19       | 0.50    |
| pfile03-011.pddl | <b>0.09</b> | 0.13   | 0.17  | None | 0.18       | 0.50    |
| pfile03-012.pddl | <b>0.09</b> | 0.13   | 0.17  | None | 0.20       | 0.49    |
| pfile04-013.pddl | <b>0.11</b> | 0.16   | 0.22  | None | 0.56       | 0.82    |
| pfile04-014.pddl | <b>0.11</b> | 0.15   | 0.23  | None | 0.55       | 0.84    |
| pfile04-015.pddl | <b>0.12</b> | 0.16   | 0.23  | None | 0.56       | 0.84    |
| pfile04-016.pddl | <b>0.12</b> | 0.16   | 0.24  | None | 0.56       | 0.87    |
| pfile05-017.pddl | <b>0.08</b> | 0.14   | 0.22  | None | 0.65       | 1.07    |
| pfile05-018.pddl | <b>0.07</b> | 0.14   | 0.24  | None | 0.65       | 1.05    |
| pfile05-019.pddl | <b>0.08</b> | 0.14   | 0.23  | None | 0.63       | 1.04    |
| pfile05-020.pddl | <b>0.08</b> | 0.13   | 0.21  | None | 0.65       | 1.04    |

### barman-opt14-strips

| Search time | default     | marked | naive | psvn | psvn_split | watched |
|-------------|-------------|--------|-------|------|------------|---------|
| p435-1.pddl | <b>0.09</b> | 0.11   | 0.14  | None | 0.17       | 0.35    |
| p435-2.pddl | <b>0.09</b> | 0.11   | 0.15  | None | 0.17       | 0.34    |
| p435-3.pddl | <b>0.08</b> | 0.11   | 0.15  | None | 0.17       | 0.36    |
| p536-1.pddl | <b>0.09</b> | 0.13   | 0.18  | None | 0.20       | 0.51    |
| p536-2.pddl | <b>0.10</b> | 0.13   | 0.18  | None | 0.21       | 0.51    |
| p536-3.pddl | <b>0.10</b> | 0.13   | 0.18  | None | 0.20       | 0.51    |
| p638-1.pddl | <b>0.12</b> | 0.16   | 0.23  | None | 0.58       | 0.82    |
| p638-2.pddl | <b>0.11</b> | 0.16   | 0.25  | None | 0.57       | 0.81    |
| p638-3.pddl | <b>0.11</b> | 0.16   | 0.22  | None | 0.52       | 0.81    |
| p739-1.pddl | <b>0.12</b> | 0.18   | 0.27  | None | 0.66       | 1.06    |
| p739-2.pddl | <b>0.12</b> | 0.17   | 0.27  | None | 0.66       | 1.08    |
| p739-3.pddl | <b>0.13</b> | 0.17   | 0.27  | None | 0.67       | 1.05    |
| p839-1.pddl | <b>0.13</b> | 0.18   | 0.28  | None | 0.66       | 1.18    |
| p839-2.pddl | <b>0.13</b> | 0.18   | 0.28  | None | 0.69       | 1.19    |

## blocks

| Search time          | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|----------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| probBLOCKS-4-0.pddl  | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| probBLOCKS-4-1.pddl  | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| probBLOCKS-4-2.pddl  | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| probBLOCKS-5-0.pddl  | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| probBLOCKS-5-1.pddl  | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| probBLOCKS-5-2.pddl  | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| probBLOCKS-6-0.pddl  | 0.01        | 0.01        | 0.01        | None        | <b>0.01</b> | 0.01        |
| probBLOCKS-6-1.pddl  | <b>0.02</b> | 0.03        | 0.03        | None        | 0.03        | 0.03        |
| probBLOCKS-6-2.pddl  | 0.03        | 0.04        | 0.04        | None        | <b>0.01</b> | 0.05        |
| probBLOCKS-7-0.pddl  | 0.06        | 0.07        | 0.08        | None        | <b>0.01</b> | 0.08        |
| probBLOCKS-7-1.pddl  | 0.06        | 0.07        | 0.08        | None        | <b>0.01</b> | 0.08        |
| probBLOCKS-7-2.pddl  | 0.06        | 0.07        | 0.08        | None        | <b>0.01</b> | 0.08        |
| probBLOCKS-8-0.pddl  | 0.07        | 0.08        | 0.09        | None        | <b>0.01</b> | 0.09        |
| probBLOCKS-8-1.pddl  | <b>0.07</b> | 0.08        | 0.09        | None        | 0.10        | 0.09        |
| probBLOCKS-8-2.pddl  | 0.07        | 0.08        | 0.09        | None        | <b>0.01</b> | 0.10        |
| probBLOCKS-9-0.pddl  | 0.07        | 0.08        | 0.10        | None        | <b>0.01</b> | 0.10        |
| probBLOCKS-9-1.pddl  | 0.08        | 0.08        | 0.10        | None        | <b>0.01</b> | 0.10        |
| probBLOCKS-9-2.pddl  | 0.08        | 0.08        | 0.10        | None        | <b>0.05</b> | 0.10        |
| probBLOCKS-10-0.pddl | 0.08        | 0.08        | 0.11        | None        | <b>0.01</b> | 0.10        |
| probBLOCKS-10-1.pddl | 0.08        | <b>0.08</b> | 0.11        | None        | 0.13        | 0.10        |
| probBLOCKS-10-2.pddl | 0.08        | 0.08        | 0.11        | None        | <b>0.01</b> | 0.11        |
| probBLOCKS-11-0.pddl | <b>0.08</b> | 0.08        | 0.12        | None        | 0.16        | 0.10        |
| probBLOCKS-11-1.pddl | <b>0.09</b> | 0.09        | 0.13        | None        | 0.16        | 0.11        |
| probBLOCKS-11-2.pddl | 0.08        | 0.08        | 0.11        | None        | <b>0.01</b> | 0.11        |
| probBLOCKS-12-0.pddl | 0.08        | 0.08        | 0.12        | None        | <b>0.01</b> | 0.11        |
| probBLOCKS-12-1.pddl | 0.08        | 0.08        | 0.12        | None        | <b>0.01</b> | 0.10        |
| probBLOCKS-13-0.pddl | 0.08        | 0.09        | 0.13        | None        | <b>0.01</b> | 0.11        |
| probBLOCKS-13-1.pddl | 0.08        | 0.09        | 0.13        | None        | <b>0.01</b> | 0.12        |
| probBLOCKS-14-0.pddl | 0.08        | 0.09        | 0.14        | None        | <b>0.03</b> | 0.12        |
| probBLOCKS-14-1.pddl | 0.09        | 0.11        | 0.15        | None        | <b>0.09</b> | 0.14        |
| probBLOCKS-15-0.pddl | <b>0.10</b> | 0.11        | 0.17        | None        | 0.11        | 0.16        |
| probBLOCKS-15-1.pddl | 0.08        | 0.09        | 0.15        | None        | <b>0.01</b> | 0.14        |
| probBLOCKS-16-1.pddl | <b>0.09</b> | 0.10        | 0.16        | None        | 0.34        | 0.14        |
| probBLOCKS-16-2.pddl | <b>0.08</b> | 0.09        | 0.16        | None        | 0.33        | 0.14        |
| probBLOCKS-17-0.pddl | <b>0.10</b> | 0.11        | 0.20        | None        | 0.36        | 0.17        |

## childsnack-opt14-strips

| Search time                | default | marked       | naive        | psvn | psvn_split | watched |
|----------------------------|---------|--------------|--------------|------|------------|---------|
| child-snack_pfile01-2.pddl | 0.66    | <b>0.58</b>  | 0.62         | None | 0.70       | 0.86    |
| child-snack_pfile01.pddl   | 0.59    | <b>0.57</b>  | 0.65         | None | 0.65       | 0.81    |
| child-snack_pfile02-2.pddl | 1.33    | <b>1.12</b>  | 1.15         | None | 1.37       | 1.49    |
| child-snack_pfile02.pddl   | 1.29    | <b>1.07</b>  | 1.19         | None | 1.26       | 1.53    |
| child-snack_pfile03-2.pddl | 2.45    | <b>1.81</b>  | 1.92         | None | 2.23       | 3.05    |
| child-snack_pfile03.pddl   | 2.65    | <b>1.80</b>  | 2.00         | None | 2.12       | 3.10    |
| child-snack_pfile04-2.pddl | 4.27    | <b>2.71</b>  | 2.93         | None | 3.25       | 4.72    |
| child-snack_pfile04.pddl   | 4.15    | <b>2.80</b>  | 3.01         | None | 3.71       | 5.47    |
| child-snack_pfile05-2.pddl | 6.44    | <b>4.18</b>  | 4.97         | None | 5.30       | 8.01    |
| child-snack_pfile05.pddl   | 6.22    | <b>4.47</b>  | 5.16         | None | 6.25       | 7.44    |
| child-snack_pfile06-2.pddl | 8.67    | <b>7.19</b>  | 7.26         | None | None       | 11.02   |
| child-snack_pfile06.pddl   | 9.07    | <b>7.17</b>  | 7.55         | None | None       | 11.46   |
| child-snack_pfile07-2.pddl | 11.93   | <b>8.77</b>  | 9.67         | None | 15.21      | 16.26   |
| child-snack_pfile07.pddl   | 11.69   | <b>9.06</b>  | 9.58         | None | 15.08      | 14.53   |
| child-snack_pfile08-2.pddl | 16.38   | <b>12.53</b> | 13.35        | None | None       | 20.30   |
| child-snack_pfile08.pddl   | 16.55   | 14.00        | <b>13.63</b> | None | None       | 20.09   |
| child-snack_pfile09-2.pddl | 21.75   | <b>17.04</b> | 18.78        | None | None       | 27.52   |
| child-snack_pfile09.pddl   | 21.03   | <b>17.29</b> | 18.34        | None | None       | 32.67   |
| child-snack_pfile10-2.pddl | 29.72   | <b>24.14</b> | 24.78        | None | 32.00      | 33.59   |
| child-snack_pfile10.pddl   | 26.69   | <b>24.90</b> | 25.38        | None | 30.37      | 33.49   |

# data-network-opt18-strips

| Search time | default     | marked | naive | psvn | psvn_split | watched |
|-------------|-------------|--------|-------|------|------------|---------|
| p01.pddl    | <b>0.06</b> | 0.07   | 0.10  | None | 0.15       | 0.09    |
| p02.pddl    | <b>0.05</b> | 0.06   | 0.09  | None | 0.17       | 0.08    |
| p03.pddl    | <b>0.12</b> | 0.16   | 0.27  | None | 0.76       | 0.22    |
| p04.pddl    | <b>0.14</b> | 0.20   | 0.37  | None | 0.77       | 0.27    |
| p05.pddl    | <b>0.15</b> | 0.19   | 0.36  | None | 0.68       | 0.27    |
| p06.pddl    | <b>0.13</b> | 0.20   | 0.37  | None | 0.81       | 0.29    |
| p07.pddl    | <b>0.15</b> | 0.21   | 0.42  | None | 1.64       | 0.35    |
| p08.pddl    | <b>0.14</b> | 0.20   | 0.38  | None | 1.19       | 0.36    |
| p09.pddl    | <b>0.13</b> | 0.16   | 0.28  | None | 0.41       | 0.22    |
| p10.pddl    | <b>0.14</b> | 0.19   | 0.32  | None | 0.61       | 0.29    |
| p11.pddl    | <b>0.07</b> | 0.09   | 0.17  | None | 0.31       | 0.15    |
| p12.pddl    | <b>0.17</b> | 0.23   | 0.41  | None | 0.75       | 0.36    |
| p13.pddl    | <b>0.16</b> | 0.20   | 0.41  | None | 0.93       | 0.40    |
| p14.pddl    | <b>0.20</b> | 0.27   | 0.54  | None | 1.86       | 0.47    |
| p15.pddl    | <b>0.21</b> | 0.28   | 0.49  | None | 1.40       | 0.43    |
| p16.pddl    | <b>0.16</b> | 0.23   | 0.48  | None | 1.65       | 0.48    |
| p17.pddl    | <b>0.21</b> | 0.31   | 0.63  | None | 2.00       | 0.60    |
| p18.pddl    | <b>0.19</b> | 0.28   | 0.61  | None | 2.05       | 0.67    |
| p19.pddl    | <b>0.21</b> | 0.32   | 0.72  | None | 2.37       | 0.83    |
| p20.pddl    | <b>0.28</b> | 0.39   | 0.83  | None | 4.03       | 0.98    |

## depot

| Search time | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| p01.pddl    | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p02.pddl    | <b>0.07</b> | 0.08        | 0.09        | None        | 0.11        | 0.10        |
| p03.pddl    | 0.08        | 0.11        | 0.13        | None        | <b>0.07</b> | 0.12        |
| p04.pddl    | <b>0.09</b> | 0.10        | 0.17        | None        | 0.14        | 0.15        |
| p05.pddl    | <b>0.09</b> | 0.12        | 0.22        | None        | 0.43        | 0.17        |
| p06.pddl    | <b>0.10</b> | 0.14        | 0.41        | None        | 0.97        | 0.24        |
| p07.pddl    | <b>0.09</b> | 0.10        | 0.16        | None        | 0.21        | 0.13        |
| p08.pddl    | <b>0.11</b> | 0.14        | 0.26        | None        | 0.45        | 0.20        |
| p09.pddl    | <b>0.12</b> | 0.17        | 0.46        | None        | 2.04        | 0.25        |
| p10.pddl    | <b>0.11</b> | 0.12        | 0.21        | None        | 0.61        | 0.16        |
| p11.pddl    | <b>0.11</b> | 0.17        | 0.41        | None        | 1.42        | 0.22        |
| p12.pddl    | <b>0.12</b> | 0.24        | 0.69        | None        | 3.72        | 0.27        |
| p13.pddl    | <b>0.11</b> | 0.14        | 0.27        | None        | 0.68        | 0.18        |
| p14.pddl    | <b>0.14</b> | 0.21        | 0.47        | None        | 1.65        | 0.23        |
| p15.pddl    | <b>0.15</b> | 0.29        | 0.81        | None        | 3.95        | 0.32        |
| p16.pddl    | <b>0.17</b> | 0.20        | 0.41        | None        | 0.91        | 0.23        |
| p17.pddl    | <b>0.22</b> | 0.30        | 0.70        | None        | 2.01        | 0.31        |
| p18.pddl    | <b>0.26</b> | 0.45        | 1.22        | None        | 4.35        | 0.41        |
| p19.pddl    | <b>0.20</b> | 0.28        | 0.58        | None        | 1.81        | 0.29        |
| p20.pddl    | <b>0.22</b> | 0.41        | 1.10        | None        | None        | 0.40        |
| p21.pddl    | <b>0.56</b> | 0.87        | 1.83        | None        | None        | 0.75        |
| p22.pddl    | <b>0.65</b> | 1.58        | 4.15        | None        | 41.89       | 0.98        |

# driverlog

| Search time | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| p01.pddl    | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p02.pddl    | <b>0.07</b> | 0.07        | 0.08        | 0.08        | 0.07        | 0.08        |
| p03.pddl    | <b>0.07</b> | 0.07        | 0.08        | 0.08        | 0.07        | 0.08        |
| p04.pddl    | <b>0.09</b> | 0.09        | 0.10        | 0.11        | 0.10        | 0.10        |
| p05.pddl    | <b>0.08</b> | 0.09        | 0.11        | None        | 0.09        | 0.10        |
| p06.pddl    | <b>0.10</b> | 0.10        | 0.13        | None        | 0.11        | 0.11        |
| p07.pddl    | <b>0.11</b> | 0.11        | 0.13        | None        | 0.11        | 0.12        |
| p08.pddl    | <b>0.10</b> | 0.11        | 0.13        | None        | 0.13        | 0.13        |
| p09.pddl    | <b>0.09</b> | 0.10        | 0.14        | None        | 0.11        | 0.11        |
| p10.pddl    | <b>0.10</b> | 0.11        | 0.17        | None        | 0.16        | 0.12        |
| p11.pddl    | <b>0.09</b> | 0.10        | 0.16        | None        | 0.11        | 0.11        |
| p12.pddl    | <b>0.10</b> | 0.11        | 0.22        | None        | 0.13        | 0.11        |
| p13.pddl    | <b>0.08</b> | 0.11        | 0.23        | None        | 0.20        | 0.10        |
| p14.pddl    | <b>0.09</b> | 0.11        | 0.25        | None        | 0.46        | 0.11        |
| p15.pddl    | <b>0.11</b> | 0.16        | 0.45        | None        | 1.86        | 0.13        |
| p16.pddl    | <b>0.16</b> | 0.26        | 0.79        | None        | 4.10        | 0.19        |
| p17.pddl    | <b>0.21</b> | 0.33        | 0.94        | None        | 4.74        | 0.24        |
| p18.pddl    | <b>0.17</b> | 0.34        | 1.27        | None        | 9.63        | 0.22        |
| p19.pddl    | <b>0.19</b> | 0.41        | 1.47        | None        | 13.46       | 0.25        |
| p20.pddl    | <b>0.39</b> | 0.64        | 2.37        | None        | None        | 0.43        |

# elevators-opt08-strips

| Search time | default     | marked      | naive | psvn | psvn_split  | watched     |
|-------------|-------------|-------------|-------|------|-------------|-------------|
| p01.pddl    | <b>0.10</b> | 0.12        | 0.14  | 0.13 | 0.12        | 0.13        |
| p02.pddl    | <b>0.18</b> | 0.20        | 0.24  | None | 0.22        | 0.21        |
| p03.pddl    | <b>0.14</b> | 0.14        | 0.19  | None | 0.15        | 0.16        |
| p04.pddl    | <b>0.20</b> | 0.22        | 0.28  | None | 0.21        | 0.22        |
| p05.pddl    | 0.16        | 0.18        | 0.23  | None | <b>0.16</b> | 0.20        |
| p06.pddl    | <b>0.19</b> | 0.21        | 0.28  | None | 0.25        | 0.21        |
| p07.pddl    | <b>0.16</b> | 0.17        | 0.23  | None | 0.17        | 0.18        |
| p08.pddl    | <b>0.20</b> | 0.21        | 0.31  | None | 0.25        | 0.23        |
| p09.pddl    | <b>0.18</b> | 0.19        | 0.25  | None | 0.21        | 0.20        |
| p10.pddl    | 0.23        | <b>0.23</b> | 0.32  | None | 0.25        | 0.24        |
| p11.pddl    | <b>0.14</b> | 0.15        | 0.19  | None | 0.15        | 0.15        |
| p12.pddl    | 0.21        | 0.22        | 0.27  | None | 0.21        | <b>0.20</b> |
| p13.pddl    | <b>0.16</b> | 0.16        | 0.23  | None | 0.17        | 0.16        |
| p14.pddl    | <b>0.21</b> | 0.23        | 0.31  | None | 0.24        | 0.26        |
| p15.pddl    | <b>0.17</b> | 0.19        | 0.25  | None | 0.20        | 0.20        |
| p16.pddl    | <b>0.25</b> | 0.26        | 0.35  | None | 0.30        | 0.27        |
| p17.pddl    | <b>0.22</b> | 0.24        | 0.31  | None | 0.25        | 0.24        |
| p18.pddl    | <b>0.28</b> | 0.30        | 0.39  | None | 0.33        | 0.29        |
| p19.pddl    | <b>0.21</b> | 0.24        | 0.31  | None | 0.24        | 0.23        |
| p20.pddl    | <b>0.30</b> | 0.31        | 0.41  | None | 0.33        | 0.31        |
| p21.pddl    | <b>0.15</b> | 0.16        | 0.20  | None | 0.15        | 0.17        |
| p22.pddl    | <b>0.23</b> | 0.24        | 0.31  | None | 0.25        | 0.26        |
| p23.pddl    | <b>0.19</b> | 0.20        | 0.25  | None | 0.19        | 0.21        |
| p24.pddl    | <b>0.26</b> | 0.29        | 0.37  | None | 0.28        | 0.28        |
| p25.pddl    | <b>0.19</b> | 0.21        | 0.28  | None | 0.21        | 0.21        |
| p26.pddl    | <b>0.26</b> | 0.30        | 0.39  | None | 0.30        | 0.31        |
| p27.pddl    | <b>0.20</b> | 0.23        | 0.32  | None | 0.23        | 0.22        |
| p28.pddl    | <b>0.31</b> | 0.33        | 0.48  | None | 0.35        | 0.36        |
| p29.pddl    | <b>0.22</b> | 0.25        | 0.35  | None | 0.24        | 0.25        |
| p30.pddl    | <b>0.31</b> | 0.34        | 0.48  | None | 0.32        | 0.35        |

# elevators-opt11-strips

| Search time | default     | marked | naive | psvn | psvn_split  | watched |
|-------------|-------------|--------|-------|------|-------------|---------|
| p01.pddl    | 0.14        | 0.15   | 0.18  | None | <b>0.14</b> | 0.16    |
| p02.pddl    | <b>0.15</b> | 0.16   | 0.20  | None | 0.15        | 0.17    |
| p03.pddl    | <b>0.20</b> | 0.22   | 0.27  | None | 0.23        | 0.23    |
| p04.pddl    | 0.14        | 0.14   | 0.18  | None | <b>0.14</b> | 0.16    |
| p05.pddl    | <b>0.15</b> | 0.16   | 0.21  | None | 0.17        | 0.17    |
| p06.pddl    | <b>0.20</b> | 0.22   | 0.27  | None | 0.23        | 0.24    |
| p07.pddl    | <b>0.28</b> | 0.30   | 0.41  | None | 0.31        | 0.29    |
| p08.pddl    | 0.16        | 0.18   | 0.23  | None | <b>0.16</b> | 0.20    |
| p09.pddl    | <b>0.23</b> | 0.23   | 0.32  | None | 0.24        | 0.27    |
| p10.pddl    | <b>0.23</b> | 0.23   | 0.31  | None | 0.24        | 0.24    |
| p11.pddl    | <b>0.31</b> | 0.33   | 0.47  | None | 0.36        | 0.34    |
| p12.pddl    | <b>0.19</b> | 0.21   | 0.28  | None | 0.23        | 0.22    |
| p13.pddl    | <b>0.16</b> | 0.17   | 0.23  | None | 0.18        | 0.18    |
| p14.pddl    | <b>0.21</b> | 0.22   | 0.31  | None | 0.25        | 0.23    |
| p15.pddl    | <b>0.17</b> | 0.19   | 0.26  | None | 0.21        | 0.19    |
| p16.pddl    | <b>0.18</b> | 0.19   | 0.25  | None | 0.19        | 0.19    |
| p17.pddl    | <b>0.22</b> | 0.23   | 0.30  | None | 0.23        | 0.23    |
| p18.pddl    | <b>0.28</b> | 0.30   | 0.39  | None | 0.34        | 0.29    |
| p19.pddl    | <b>0.18</b> | 0.21   | 0.26  | None | 0.21        | 0.22    |
| p20.pddl    | <b>0.25</b> | 0.28   | 0.38  | None | 0.29        | 0.29    |



# floortile-opt11-strips

| Search time      | default     | marked | naive | psvn        | psvn_split | watched |
|------------------|-------------|--------|-------|-------------|------------|---------|
| opt-p01-001.pddl | 0.11        | 0.11   | 0.13  | <b>0.11</b> | 0.13       | 0.13    |
| opt-p01-002.pddl | <b>0.11</b> | 0.12   | 0.13  | 0.13        | 0.14       | 0.14    |
| opt-p02-003.pddl | <b>0.11</b> | 0.11   | 0.14  | 0.11        | 0.13       | 0.14    |
| opt-p02-004.pddl | <b>0.11</b> | 0.12   | 0.14  | 0.12        | 0.14       | 0.14    |
| opt-p03-005.pddl | <b>0.12</b> | 0.13   | 0.16  | None        | 0.19       | 0.15    |
| opt-p03-006.pddl | <b>0.13</b> | 0.14   | 0.16  | None        | 0.17       | 0.16    |
| opt-p04-007.pddl | <b>0.14</b> | 0.14   | 0.16  | None        | 0.18       | 0.17    |
| opt-p04-008.pddl | <b>0.12</b> | 0.13   | 0.16  | None        | 0.18       | 0.16    |
| opt-p05-009.pddl | <b>0.14</b> | 0.16   | 0.19  | None        | 0.21       | 0.18    |
| opt-p05-010.pddl | <b>0.14</b> | 0.16   | 0.18  | None        | 0.20       | 0.18    |
| opt-p06-011.pddl | <b>0.16</b> | 0.17   | 0.21  | None        | 0.21       | 0.22    |
| opt-p06-012.pddl | <b>0.14</b> | 0.16   | 0.20  | None        | 0.21       | 0.21    |
| opt-p07-013.pddl | <b>0.15</b> | 0.16   | 0.20  | None        | 0.31       | 0.21    |
| opt-p07-014.pddl | <b>0.14</b> | 0.16   | 0.19  | None        | 0.28       | 0.21    |
| opt-p08-015.pddl | <b>0.19</b> | 0.23   | 0.30  | None        | 0.56       | 0.29    |
| opt-p08-016.pddl | <b>0.21</b> | 0.24   | 0.32  | None        | 0.60       | 0.30    |
| opt-p09-017.pddl | <b>0.26</b> | 0.30   | 0.45  | None        | 0.63       | 0.38    |
| opt-p09-018.pddl | <b>0.29</b> | 0.32   | 0.48  | None        | 0.67       | 0.41    |
| opt-p10-019.pddl | <b>0.21</b> | 0.25   | 0.34  | None        | 0.51       | 0.33    |
| opt-p10-020.pddl | <b>0.23</b> | 0.26   | 0.35  | None        | 0.54       | 0.34    |

# floortile-opt14-strips

| Search time    | default     | marked      | naive | psvn        | psvn_split | watched |
|----------------|-------------|-------------|-------|-------------|------------|---------|
| p01-4-3-2.pddl | 0.11        | 0.12        | 0.14  | <b>0.11</b> | 0.13       | 0.14    |
| p01-4-4-2.pddl | 0.14        | <b>0.13</b> | 0.17  | None        | 0.20       | 0.17    |
| p01-5-3-2.pddl | <b>0.13</b> | 0.13        | 0.16  | None        | 0.18       | 0.16    |
| p01-5-4-2.pddl | <b>0.13</b> | 0.14        | 0.17  | None        | 0.19       | 0.18    |
| p01-5-5-2.pddl | <b>0.14</b> | 0.15        | 0.19  | None        | 0.30       | 0.20    |
| p01-6-4-2.pddl | <b>0.15</b> | 0.16        | 0.20  | None        | 0.21       | 0.22    |
| p01-6-5-2.pddl | <b>0.16</b> | 0.17        | 0.23  | None        | 0.31       | 0.23    |
| p02-4-4-2.pddl | <b>0.12</b> | 0.13        | 0.16  | None        | 0.16       | 0.16    |
| p02-5-3-2.pddl | <b>0.13</b> | 0.14        | 0.16  | None        | 0.17       | 0.16    |
| p02-5-4-2.pddl | <b>0.12</b> | 0.14        | 0.17  | None        | 0.19       | 0.16    |
| p02-5-5-2.pddl | <b>0.17</b> | 0.17        | 0.22  | None        | 0.30       | 0.22    |
| p02-6-4-2.pddl | <b>0.14</b> | 0.15        | 0.19  | None        | 0.21       | 0.20    |
| p02-6-5-2.pddl | <b>0.14</b> | 0.16        | 0.21  | None        | 0.29       | 0.22    |
| p03-4-3-2.pddl | <b>0.12</b> | 0.12        | 0.15  | 0.12        | 0.14       | 0.15    |
| p03-4-4-2.pddl | <b>0.12</b> | 0.13        | 0.16  | None        | 0.19       | 0.16    |
| p03-5-3-2.pddl | <b>0.13</b> | 0.14        | 0.16  | None        | 0.18       | 0.16    |
| p03-5-4-2.pddl | <b>0.15</b> | 0.17        | 0.19  | None        | 0.19       | 0.19    |
| p03-5-5-2.pddl | <b>0.16</b> | 0.17        | 0.21  | None        | 0.31       | 0.23    |
| p03-6-4-2.pddl | <b>0.13</b> | 0.14        | 0.18  | None        | 0.18       | 0.18    |
| p03-6-5-2.pddl | <b>0.16</b> | 0.18        | 0.23  | None        | 0.30       | 0.24    |

# freecell

| Search time           | default     | marked | naive | psvn | psvn_split | watched |
|-----------------------|-------------|--------|-------|------|------------|---------|
| p01.pddl              | <b>0.02</b> | 0.03   | 0.06  | None | 0.07       | 0.04    |
| p02.pddl              | <b>0.09</b> | 0.13   | 0.28  | None | 0.35       | 0.15    |
| p03.pddl              | <b>0.09</b> | 0.14   | 0.37  | None | 0.74       | 0.18    |
| p04.pddl              | <b>0.09</b> | 0.14   | 0.44  | None | 1.71       | 0.20    |
| p05.pddl              | <b>0.10</b> | 0.17   | 0.59  | None | 3.55       | 0.25    |
| p06.pddl              | <b>0.11</b> | 0.20   | 0.84  | None | 3.60       | 0.27    |
| p07.pddl              | <b>0.10</b> | 0.20   | 0.81  | None | 3.79       | 0.27    |
| p08.pddl              | <b>0.11</b> | 0.25   | 1.11  | None | 8.24       | 0.31    |
| p09.pddl              | <b>0.10</b> | 0.24   | 1.08  | None | 8.19       | 0.29    |
| p10.pddl              | <b>0.12</b> | 0.30   | 1.51  | None | 8.98       | 0.36    |
| p11.pddl              | <b>0.08</b> | 0.27   | 1.46  | None | 8.20       | 0.34    |
| p12.pddl              | <b>0.11</b> | 0.27   | 1.56  | None | 8.03       | 0.33    |
| p13.pddl              | <b>0.12</b> | 0.36   | 2.02  | None | 8.76       | 0.40    |
| p14.pddl              | <b>0.14</b> | 0.39   | 2.07  | None | 10.15      | 0.41    |
| p15.pddl              | <b>0.13</b> | 0.47   | 2.67  | None | 17.35      | 0.45    |
| p16.pddl              | <b>0.13</b> | 0.46   | 2.37  | None | 17.85      | 0.46    |
| p17.pddl              | <b>0.13</b> | 0.54   | 3.21  | None | 19.65      | 0.52    |
| p18.pddl              | <b>0.12</b> | 0.53   | 3.21  | None | 21.33      | 0.52    |
| p19.pddl              | <b>0.11</b> | 0.62   | 3.97  | None | None       | 0.54    |
| p20.pddl              | <b>0.13</b> | 0.68   | 3.93  | None | None       | 0.57    |
| probfreecell-2-1.pddl | <b>0.04</b> | 0.10   | 0.36  | None | 0.18       | 0.07    |
| probfreecell-2-2.pddl | <b>0.04</b> | 0.09   | 0.35  | None | 0.29       | 0.07    |
| probfreecell-2-3.pddl | <b>0.04</b> | 0.10   | 0.37  | None | 0.18       | 0.07    |
| probfreecell-2-4.pddl | <b>0.05</b> | 0.12   | 0.45  | None | 0.20       | 0.09    |
| probfreecell-2-5.pddl | <b>0.05</b> | 0.11   | 0.40  | None | 0.37       | 0.08    |
| probfreecell-3-1.pddl | <b>0.14</b> | 0.29   | 1.07  | None | 2.51       | 0.21    |
| probfreecell-3-2.pddl | <b>0.13</b> | 0.26   | 1.06  | None | 2.31       | 0.22    |
| probfreecell-3-3.pddl | <b>0.14</b> | 0.28   | 1.03  | None | 2.52       | 0.20    |
| probfreecell-3-4.pddl | <b>0.15</b> | 0.29   | 1.08  | None | 2.34       | 0.22    |
| probfreecell-3-5.pddl | <b>0.14</b> | 0.29   | 1.06  | None | 2.60       | 0.23    |
| probfreecell-4-1.pddl | <b>0.17</b> | 0.33   | 1.27  | None | 2.85       | 0.27    |
| probfreecell-4-2.pddl | <b>0.17</b> | 0.34   | 1.41  | None | 5.82       | 0.27    |
| probfreecell-4-3.pddl | <b>0.16</b> | 0.34   | 1.42  | None | 5.52       | 0.26    |
| probfreecell-4-4.pddl | <b>0.16</b> | 0.36   | 1.37  | None | 3.13       | 0.26    |
| probfreecell-4-5.pddl | <b>0.17</b> | 0.34   | 1.35  | None | 5.08       | 0.26    |
| probfreecell-5-1.pddl | <b>0.18</b> | 0.41   | 1.67  | None | 5.67       | 0.30    |
| probfreecell-5-2.pddl | <b>0.16</b> | 0.39   | 1.71  | None | 5.82       | 0.31    |
| probfreecell-5-3.pddl | <b>0.16</b> | 0.37   | 1.71  | None | 6.54       | 0.28    |
| probfreecell-5-4.pddl | <b>0.17</b> | 0.36   | 1.71  | None | 6.20       | 0.29    |
| probfreecell-5-5.pddl | <b>0.18</b> | 0.40   | 1.67  | None | 6.31       | 0.30    |
| probfreecell-6-1.pddl | <b>0.15</b> | 0.41   | 1.84  | None | 6.59       | 0.30    |
| probfreecell-6-2.pddl | <b>0.17</b> | 0.42   | 2.02  | None | 6.65       | 0.33    |
| probfreecell-6-3.pddl | <b>0.17</b> | 0.43   | 2.00  | None | 6.63       | 0.32    |
| probfreecell-6-4.pddl | <b>0.16</b> | 0.40   | 1.99  | None | 6.48       | 0.31    |

## ged-opt14-strips

| Search time | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| d-1-2.pddl  | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| d-1-3.pddl  | <b>0.07</b> | 0.08        | 0.13        | None        | 0.33        | 0.09        |
| d-1-4.pddl  | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| d-1-8.pddl  | <b>0.07</b> | 0.09        | 0.18        | None        | 0.53        | 0.10        |
| d-2-1.pddl  | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| d-2-3.pddl  | 0.07        | 0.07        | 0.11        | None        | <b>0.05</b> | 0.08        |
| d-2-4.pddl  | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None        | 0.01        | <b>0.01</b> |
| d-2-8.pddl  | <b>0.09</b> | 0.13        | 0.29        | None        | 0.84        | 0.14        |
| d-3-1.pddl  | <b>0.07</b> | 0.08        | 0.14        | None        | 0.16        | 0.09        |
| d-3-2.pddl  | <b>0.06</b> | 0.08        | 0.11        | None        | 0.07        | 0.08        |
| d-3-4.pddl  | <b>0.07</b> | 0.09        | 0.17        | None        | 0.49        | 0.10        |
| d-4-2.pddl  | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None        | <b>0.01</b> | <b>0.01</b> |
| d-4-3.pddl  | <b>0.07</b> | 0.09        | 0.18        | None        | 0.53        | 0.10        |
| d-4-8.pddl  | <b>0.10</b> | 0.13        | 0.29        | None        | 1.09        | 0.14        |
| d-7-5.pddl  | <b>0.07</b> | 0.09        | 0.18        | None        | 0.52        | 0.10        |
| d-7-6.pddl  | <b>0.07</b> | 0.08        | 0.14        | None        | 0.32        | 0.09        |
| d-8-1.pddl  | <b>0.07</b> | 0.09        | 0.18        | None        | 0.46        | 0.10        |
| d-8-2.pddl  | <b>0.10</b> | 0.12        | 0.28        | None        | 0.94        | 0.14        |
| d-8-4.pddl  | <b>0.10</b> | 0.13        | 0.29        | None        | 0.90        | 0.13        |
| d-8-9.pddl  | <b>0.09</b> | 0.12        | 0.29        | None        | 0.89        | 0.14        |

## grid

| Search time | default     | marked | naive | psvn | psvn_split  | watched |
|-------------|-------------|--------|-------|------|-------------|---------|
| prob01.pddl | 0.04        | 0.05   | 0.18  | None | <b>0.01</b> | 0.06    |
| prob02.pddl | 0.08        | 0.13   | 0.62  | None | <b>0.01</b> | 0.10    |
| prob03.pddl | <b>0.08</b> | 0.17   | 0.96  | None | None        | 0.11    |
| prob04.pddl | <b>0.07</b> | 0.20   | 1.40  | None | None        | 0.11    |
| prob05.pddl | <b>0.08</b> | 0.26   | 2.07  | None | 24.07       | 0.14    |

## gripper

| Search time | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| prob01.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| prob02.pddl | 0.01        | 0.01        | 0.01        | <b>0.01</b> | 0.01        | 0.01        |
| prob03.pddl | <b>0.05</b> | 0.05        | 0.06        | 0.05        | 0.05        | 0.06        |
| prob04.pddl | 0.05        | 0.06        | 0.07        | 0.06        | <b>0.01</b> | 0.07        |
| prob05.pddl | 0.06        | 0.07        | 0.08        | None        | <b>0.01</b> | 0.08        |
| prob06.pddl | 0.07        | 0.08        | 0.09        | None        | <b>0.01</b> | 0.10        |
| prob07.pddl | 0.09        | 0.09        | 0.10        | None        | <b>0.01</b> | 0.11        |
| prob08.pddl | 0.08        | 0.08        | 0.10        | None        | <b>0.01</b> | 0.11        |
| prob09.pddl | 0.07        | 0.08        | 0.10        | None        | <b>0.01</b> | 0.11        |
| prob10.pddl | 0.07        | 0.08        | 0.10        | None        | <b>0.01</b> | 0.12        |
| prob11.pddl | 0.08        | 0.09        | 0.11        | None        | <b>0.01</b> | 0.12        |
| prob12.pddl | 0.09        | 0.09        | 0.11        | None        | <b>0.01</b> | 0.14        |
| prob13.pddl | 0.10        | 0.10        | 0.13        | None        | <b>0.01</b> | 0.15        |
| prob14.pddl | 0.10        | 0.11        | 0.14        | None        | <b>0.01</b> | 0.17        |
| prob15.pddl | 0.11        | 0.12        | 0.16        | None        | <b>0.01</b> | 0.19        |
| prob16.pddl | 0.13        | 0.14        | 0.17        | None        | <b>0.01</b> | 0.21        |
| prob17.pddl | 0.14        | 0.15        | 0.17        | None        | <b>0.01</b> | 0.23        |
| prob18.pddl | 0.16        | 0.17        | 0.20        | None        | <b>0.02</b> | 0.26        |
| prob19.pddl | 0.16        | 0.19        | 0.22        | None        | <b>0.02</b> | 0.29        |
| prob20.pddl | 0.14        | 0.18        | 0.21        | None        | <b>0.02</b> | 0.29        |

## hiking-opt14-strips

| Search time         | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|---------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| ptesting-1-2-3.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| ptesting-1-2-4.pddl | <b>0.02</b> | 0.02        | 0.03        | 0.02        | 0.03        | 0.03        |
| ptesting-1-2-5.pddl | <b>0.06</b> | 0.07        | 0.11        | 0.06        | 0.06        | 0.08        |
| ptesting-1-2-7.pddl | <b>0.07</b> | 0.09        | 0.18        | 0.07        | 0.07        | 0.09        |
| ptesting-1-2-8.pddl | 0.08        | 0.11        | 0.26        | 0.09        | <b>0.08</b> | 0.12        |
| ptesting-2-2-3.pddl | 0.11        | 0.13        | 0.24        | <b>0.10</b> | 0.11        | 0.17        |
| ptesting-2-2-4.pddl | <b>0.17</b> | 0.20        | 0.44        | None        | 0.18        | 0.25        |
| ptesting-2-2-5.pddl | <b>0.22</b> | 0.28        | 0.66        | None        | 0.38        | 0.33        |
| ptesting-2-2-6.pddl | <b>0.22</b> | 0.26        | 0.65        | None        | 0.48        | 0.29        |
| ptesting-2-2-7.pddl | <b>0.39</b> | 0.48        | 1.26        | None        | None        | 0.53        |
| ptesting-2-2-8.pddl | <b>0.26</b> | 0.34        | 1.03        | None        | None        | 0.41        |
| ptesting-2-3-4.pddl | <b>0.20</b> | 0.25        | 0.58        | None        | 0.31        | 0.27        |
| ptesting-2-3-5.pddl | <b>0.25</b> | 0.28        | 0.69        | None        | 0.40        | 0.27        |
| ptesting-2-3-6.pddl | <b>0.49</b> | 0.59        | 1.42        | None        | None        | 0.64        |
| ptesting-2-3-7.pddl | <b>0.42</b> | 0.61        | 1.57        | None        | None        | 0.53        |
| ptesting-2-4-3.pddl | 0.19        | 0.25        | 0.50        | <b>0.19</b> | 0.24        | 0.29        |
| ptesting-2-4-4.pddl | <b>0.24</b> | 0.32        | 0.72        | None        | 0.36        | 0.33        |
| ptesting-2-4-5.pddl | <b>0.35</b> | 0.48        | 1.04        | None        | None        | 0.40        |
| ptesting-2-4-6.pddl | <b>0.39</b> | 0.47        | 1.22        | None        | None        | 0.41        |
| ptesting-2-4-7.pddl | <b>0.70</b> | 1.14        | 2.72        | None        | None        | 1.14        |

## logistics00

| Search time             | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| probLOGISTICS-4-0.pddl  | <b>0.06</b> | 0.06        | 0.07        | 0.06        | 0.06        | 0.07        |
| probLOGISTICS-4-1.pddl  | <b>0.06</b> | 0.06        | 0.06        | 0.07        | 0.06        | 0.07        |
| probLOGISTICS-4-2.pddl  | 0.03        | 0.03        | 0.03        | <b>0.03</b> | 0.03        | 0.04        |
| probLOGISTICS-5-0.pddl  | <b>0.06</b> | 0.06        | 0.07        | 0.07        | 0.07        | 0.07        |
| probLOGISTICS-5-1.pddl  | <b>0.06</b> | 0.07        | 0.07        | 0.07        | 0.07        | 0.07        |
| probLOGISTICS-5-2.pddl  | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| probLOGISTICS-6-0.pddl  | <b>0.07</b> | 0.07        | 0.08        | 0.08        | 0.08        | 0.08        |
| probLOGISTICS-6-1.pddl  | <b>0.07</b> | 0.07        | 0.08        | 0.08        | 0.08        | 0.08        |
| probLOGISTICS-6-2.pddl  | <b>0.07</b> | 0.07        | 0.08        | 0.08        | 0.08        | 0.08        |
| probLOGISTICS-6-9.pddl  | <b>0.07</b> | 0.07        | 0.08        | 0.07        | 0.08        | 0.08        |
| probLOGISTICS-7-0.pddl  | <b>0.08</b> | 0.08        | 0.09        | None        | 0.08        | 0.09        |
| probLOGISTICS-7-1.pddl  | <b>0.08</b> | 0.08        | 0.09        | None        | 0.08        | 0.09        |
| probLOGISTICS-8-0.pddl  | <b>0.08</b> | 0.08        | 0.10        | None        | 0.09        | 0.09        |
| probLOGISTICS-8-1.pddl  | 0.08        | <b>0.08</b> | 0.10        | None        | 0.09        | 0.10        |
| probLOGISTICS-9-0.pddl  | <b>0.08</b> | 0.09        | 0.11        | None        | 0.10        | 0.10        |
| probLOGISTICS-9-1.pddl  | <b>0.08</b> | 0.09        | 0.10        | None        | 0.10        | 0.10        |
| probLOGISTICS-10-0.pddl | <b>0.10</b> | 0.10        | 0.13        | None        | 0.12        | 0.12        |
| probLOGISTICS-10-1.pddl | <b>0.10</b> | 0.10        | 0.13        | None        | 0.13        | 0.12        |
| probLOGISTICS-11-0.pddl | <b>0.10</b> | 0.11        | 0.14        | None        | 0.14        | 0.12        |
| probLOGISTICS-11-1.pddl | <b>0.10</b> | 0.11        | 0.14        | None        | 0.13        | 0.16        |
| probLOGISTICS-12-0.pddl | <b>0.11</b> | 0.11        | 0.15        | None        | 0.14        | 0.14        |
| probLOGISTICS-12-1.pddl | 0.12        | <b>0.11</b> | 0.15        | None        | 0.14        | 0.14        |
| probLOGISTICS-13-0.pddl | <b>0.15</b> | 0.15        | 0.23        | None        | 0.21        | 0.18        |
| probLOGISTICS-13-1.pddl | 0.15        | <b>0.15</b> | 0.23        | None        | 0.18        | 0.18        |
| probLOGISTICS-14-0.pddl | <b>0.16</b> | 0.16        | 0.24        | None        | 0.19        | 0.19        |
| probLOGISTICS-14-1.pddl | 0.15        | <b>0.15</b> | 0.24        | None        | 0.20        | 0.19        |
| probLOGISTICS-15-0.pddl | 0.18        | <b>0.17</b> | 0.25        | None        | 0.21        | 0.21        |
| probLOGISTICS-15-1.pddl | 0.17        | <b>0.17</b> | 0.25        | None        | 0.22        | 0.20        |

## logistics98

| Search time | default     | marked      | naive | psvn | psvn_split | watched      |
|-------------|-------------|-------------|-------|------|------------|--------------|
| prob01.pddl | 0.12        | <b>0.12</b> | 0.17  | None | 0.13       | 0.14         |
| prob02.pddl | <b>0.29</b> | 0.31        | 0.42  | None | 0.32       | 0.32         |
| prob03.pddl | <b>0.52</b> | 0.52        | 0.84  | None | 0.67       | 0.59         |
| prob04.pddl | <b>1.03</b> | 1.09        | 1.51  | None | 1.17       | 1.07         |
| prob05.pddl | 0.14        | <b>0.13</b> | 0.17  | None | 0.14       | 0.15         |
| prob06.pddl | 1.01        | 0.95        | 1.44  | None | 1.18       | <b>0.91</b>  |
| prob07.pddl | <b>0.47</b> | 0.51        | 0.74  | None | 0.56       | 0.52         |
| prob08.pddl | 1.04        | <b>1.02</b> | 1.65  | None | 1.43       | 1.14         |
| prob09.pddl | 1.80        | <b>1.71</b> | 2.64  | None | 2.41       | 1.73         |
| prob10.pddl | 1.01        | <b>0.88</b> | 1.81  | None | 1.62       | 0.94         |
| prob11.pddl | 0.63        | <b>0.61</b> | 0.85  | None | 0.73       | 0.67         |
| prob12.pddl | <b>4.29</b> | 4.42        | 5.45  | None | 5.75       | 4.46         |
| prob13.pddl | <b>3.24</b> | 3.55        | 5.08  | None | 4.64       | 3.54         |
| prob14.pddl | 2.10        | <b>1.65</b> | 3.07  | None | 3.66       | 1.87         |
| prob15.pddl | 0.38        | <b>0.34</b> | 0.58  | None | 0.52       | 0.37         |
| prob16.pddl | <b>2.45</b> | 2.48        | 3.59  | None | 3.43       | 2.73         |
| prob17.pddl | 1.30        | <b>1.12</b> | 1.68  | None | 1.59       | 1.34         |
| prob18.pddl | <b>3.62</b> | 3.95        | 6.94  | None | None       | 3.78         |
| prob19.pddl | <b>2.98</b> | 3.25        | 4.88  | None | 6.15       | 3.13         |
| prob20.pddl | <b>4.19</b> | 4.61        | 7.05  | None | None       | 4.69         |
| prob21.pddl | <b>5.23</b> | 5.45        | 7.84  | None | 8.69       | 5.34         |
| prob22.pddl | 6.21        | 6.05        | 14.78 | None | None       | <b>6.01</b>  |
| prob23.pddl | 0.97        | <b>0.83</b> | 1.44  | None | None       | 0.89         |
| prob24.pddl | <b>6.88</b> | 7.36        | 9.35  | None | 10.23      | 7.22         |
| prob25.pddl | <b>7.32</b> | 7.84        | 14.75 | None | None       | 7.66         |
| prob26.pddl | 3.51        | <b>3.01</b> | 6.63  | None | None       | 3.39         |
| prob27.pddl | <b>4.78</b> | 5.56        | 8.67  | None | None       | 5.27         |
| prob28.pddl | 19.01       | 20.07       | 55.12 | None | None       | <b>18.59</b> |
| prob29.pddl | 4.89        | 4.67        | 13.94 | None | None       | <b>4.53</b>  |
| prob30.pddl | 12.31       | 11.82       | 21.26 | None | None       | <b>11.25</b> |
| prob31.pddl | <b>0.08</b> | 0.09        | 0.11  | 0.10 | 0.09       | 0.10         |
| prob32.pddl | <b>0.07</b> | 0.08        | 0.09  | 0.08 | 0.08       | 0.08         |
| prob33.pddl | 0.15        | <b>0.14</b> | 0.20  | None | 0.17       | 0.18         |
| prob34.pddl | 0.28        | <b>0.27</b> | 0.38  | None | 0.34       | 0.29         |
| prob35.pddl | 0.25        | <b>0.25</b> | 0.34  | None | 0.30       | 0.28         |



# micronic

| Search time | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| s1-0.pddl   | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| s1-1.pddl   | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| s1-2.pddl   | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| s1-3.pddl   | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| s1-4.pddl   | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| s2-0.pddl   | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| s2-1.pddl   | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| s2-2.pddl   | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| s2-3.pddl   | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| s2-4.pddl   | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| s3-0.pddl   | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| s3-1.pddl   | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| s3-2.pddl   | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| s3-3.pddl   | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| s3-4.pddl   | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| s4-0.pddl   | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | 0.01        |
| s4-1.pddl   | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | 0.01        |
| s4-2.pddl   | <b>0.01</b> | 0.01        | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | 0.01        |
| s4-3.pddl   | <b>0.01</b> | <b>0.01</b> | 0.01        | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| s4-4.pddl   | <b>0.01</b> | <b>0.01</b> | 0.01        | <b>0.01</b> | <b>0.01</b> | 0.01        |
| s5-0.pddl   | 0.04        | 0.04        | 0.05        | 0.04        | <b>0.04</b> | 0.05        |
| s5-1.pddl   | <b>0.04</b> | 0.04        | 0.05        | 0.04        | 0.04        | 0.05        |
| s5-2.pddl   | <b>0.04</b> | 0.04        | 0.04        | 0.04        | 0.04        | 0.05        |
| s5-3.pddl   | <b>0.04</b> | 0.04        | 0.05        | 0.04        | 0.04        | 0.05        |
| s5-4.pddl   | 0.04        | 0.05        | 0.05        | 0.04        | <b>0.04</b> | 0.05        |
| s6-0.pddl   | 0.07        | 0.07        | 0.08        | <b>0.07</b> | 0.07        | 0.09        |
| s6-1.pddl   | 0.07        | 0.07        | 0.08        | 0.07        | <b>0.07</b> | 0.09        |
| s6-2.pddl   | 0.07        | 0.07        | 0.09        | 0.07        | <b>0.06</b> | 0.09        |
| s6-3.pddl   | 0.07        | 0.07        | 0.08        | 0.07        | <b>0.07</b> | 0.09        |
| s6-4.pddl   | 0.07        | 0.07        | 0.08        | 0.07        | <b>0.07</b> | 0.09        |
| s7-0.pddl   | 0.07        | 0.08        | 0.10        | 0.07        | <b>0.07</b> | 0.09        |
| s7-1.pddl   | 0.07        | 0.08        | 0.09        | <b>0.07</b> | 0.07        | 0.09        |
| s7-2.pddl   | 0.08        | 0.08        | 0.10        | <b>0.07</b> | 0.08        | 0.09        |
| s7-3.pddl   | <b>0.07</b> | 0.08        | 0.10        | 0.07        | 0.07        | 0.09        |
| s7-4.pddl   | <b>0.07</b> | 0.08        | 0.10        | 0.07        | 0.07        | 0.09        |
| s8-0.pddl   | 0.08        | 0.08        | 0.11        | <b>0.08</b> | 0.08        | 0.10        |
| s8-1.pddl   | 0.08        | 0.09        | 0.11        | <b>0.07</b> | 0.08        | 0.10        |
| s8-2.pddl   | <b>0.08</b> | 0.09        | 0.12        | 0.08        | 0.08        | 0.11        |
| s8-3.pddl   | 0.08        | 0.08        | 0.11        | 0.08        | <b>0.08</b> | 0.10        |
| s8-4.pddl   | <b>0.08</b> | 0.09        | 0.11        | 0.08        | 0.08        | 0.10        |
| s9-0.pddl   | 0.08        | 0.09        | 0.12        | 0.09        | <b>0.08</b> | 0.11        |
| s9-1.pddl   | <b>0.09</b> | 0.10        | 0.12        | 0.09        | 0.09        | 0.11        |
| s9-2.pddl   | <b>0.09</b> | 0.10        | 0.12        | 0.09        | 0.09        | 0.11        |
| s9-3.pddl   | <b>0.08</b> | 0.09        | 0.12        | 0.09        | 0.09        | 0.11        |

## movie

| Search time | default     | marked      | naive       | psvn | psvn_split | watched |
|-------------|-------------|-------------|-------------|------|------------|---------|
| prob01.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |
| prob02.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |
| prob03.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |
| prob04.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |
| prob05.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |
| prob06.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |
| prob07.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |
| prob08.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |
| prob09.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |
| prob10.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |
| prob11.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |
| prob12.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |
| prob13.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |
| prob14.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |
| prob15.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |
| prob16.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |
| prob17.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |
| prob18.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |
| prob19.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |
| prob20.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |
| prob21.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |
| prob22.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |
| prob23.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |
| prob24.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |
| prob25.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |
| prob26.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |
| prob27.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |
| prob28.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |
| prob29.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |
| prob30.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |

# mprime

| Search time | default     | marked      | naive       | psvn | psvn_split  | watched     |
|-------------|-------------|-------------|-------------|------|-------------|-------------|
| prob01.pddl | 0.03        | 0.06        | 0.11        | None | 0.05        | <b>0.02</b> |
| prob02.pddl | <b>0.34</b> | 0.41        | 0.98        | None | 0.81        | 0.44        |
| prob03.pddl | <b>0.37</b> | 0.47        | 0.90        | None | 0.70        | 0.51        |
| prob04.pddl | <b>0.20</b> | 0.23        | 0.41        | None | 0.31        | 0.27        |
| prob05.pddl | <b>0.20</b> | 0.30        | 0.74        | None | 0.55        | 0.29        |
| prob06.pddl | <b>1.72</b> | 2.39        | 7.43        | None | 3.73        | 2.13        |
| prob07.pddl | <b>0.16</b> | 0.20        | 0.44        | None | 0.35        | 0.27        |
| prob08.pddl | <b>0.82</b> | 1.03        | 2.38        | None | 1.76        | 1.01        |
| prob09.pddl | <b>0.23</b> | 0.29        | 0.67        | None | 0.46        | 0.29        |
| prob10.pddl | <b>2.28</b> | 3.21        | 12.91       | None | None        | 2.68        |
| prob11.pddl | <b>0.18</b> | 0.20        | 0.43        | None | 0.25        | 0.24        |
| prob12.pddl | <b>0.22</b> | 0.28        | 0.63        | None | 0.31        | 0.26        |
| prob13.pddl | <b>1.73</b> | 2.83        | 16.47       | None | None        | 2.06        |
| prob14.pddl | <b>2.41</b> | 4.00        | 21.53       | None | None        | 2.85        |
| prob15.pddl | <b>2.01</b> | 3.11        | 11.38       | None | 5.70        | 2.26        |
| prob16.pddl | <b>0.47</b> | 0.62        | 1.52        | None | 1.39        | 0.58        |
| prob17.pddl | <b>1.37</b> | 2.04        | 5.01        | None | 3.55        | 1.71        |
| prob18.pddl | <b>1.84</b> | 2.68        | 6.38        | None | 5.47        | 2.27        |
| prob19.pddl | <b>0.67</b> | 0.96        | 2.93        | None | 2.47        | 0.77        |
| prob20.pddl | <b>2.01</b> | 3.16        | 15.54       | None | 7.22        | 2.40        |
| prob21.pddl | <b>0.44</b> | 0.73        | 2.64        | None | 4.58        | 0.54        |
| prob22.pddl | <b>2.26</b> | 3.76        | 13.94       | None | None        | 2.74        |
| prob23.pddl | <b>1.59</b> | 2.06        | 4.80        | None | 3.65        | 1.77        |
| prob24.pddl | <b>0.69</b> | 1.46        | 4.50        | None | None        | 0.94        |
| prob25.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | <b>0.01</b> | <b>0.01</b> |
| prob26.pddl | <b>0.44</b> | 0.50        | 1.15        | None | 0.83        | 0.51        |
| prob27.pddl | <b>0.26</b> | 0.42        | 1.32        | None | 0.76        | 0.31        |
| prob28.pddl | <b>0.11</b> | 0.14        | 0.28        | None | 0.16        | 0.15        |
| prob29.pddl | <b>0.18</b> | 0.35        | 0.94        | None | 0.37        | 0.19        |
| prob30.pddl | <b>0.83</b> | 1.67        | 4.74        | None | 3.65        | 1.00        |
| prob31.pddl | 0.12        | 0.24        | 0.67        | None | 0.73        | <b>0.11</b> |
| prob32.pddl | <b>0.15</b> | 0.19        | 0.44        | None | 0.23        | 0.20        |
| prob33.pddl | <b>0.80</b> | 1.27        | 3.58        | None | 3.13        | 0.98        |
| prob34.pddl | <b>0.15</b> | 0.27        | 0.72        | None | 0.61        | 0.16        |
| prob35.pddl | 0.07        | <b>0.05</b> | 0.09        | None | 0.05        | 0.08        |

## mystery

| Search time | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| prob01.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| prob02.pddl | <b>0.22</b> | 0.29        | 0.78        | None        | 0.65        | 0.31        |
| prob03.pddl | <b>0.01</b> | <b>0.01</b> | 0.02        | None        | 0.01        | 0.01        |
| prob04.pddl | <b>0.07</b> | 0.08        | 0.09        | None        | 0.08        | 0.09        |
| prob05.pddl | <b>0.12</b> | 0.18        | 0.48        | None        | 0.30        | 0.17        |
| prob06.pddl | <b>0.25</b> | 0.50        | 1.63        | None        | 2.12        | 0.34        |
| prob07.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| prob08.pddl | <b>0.13</b> | 0.19        | 0.54        | None        | 0.82        | 0.18        |
| prob09.pddl | <b>0.14</b> | 0.18        | 0.49        | None        | 0.29        | 0.18        |
| prob10.pddl | <b>0.47</b> | 1.39        | 6.20        | None        | None        | 0.62        |
| prob11.pddl | 0.01        | 0.01        | 0.01        | None        | 0.01        | <b>0.01</b> |
| prob12.pddl | <b>0.09</b> | 0.10        | 0.14        | None        | 0.11        | 0.11        |
| prob13.pddl | <b>0.42</b> | 0.76        | 2.94        | None        | None        | 0.51        |
| prob14.pddl | <b>0.52</b> | 1.59        | 11.22       | None        | None        | 0.64        |
| prob15.pddl | <b>0.32</b> | 0.74        | 2.63        | None        | 2.37        | 0.41        |
| prob16.pddl | <b>0.16</b> | 0.19        | 0.49        | None        | 0.31        | 0.20        |
| prob17.pddl | <b>0.16</b> | 0.52        | 1.81        | None        | 1.77        | 0.35        |
| prob18.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| prob19.pddl | <b>0.23</b> | 0.32        | 1.16        | None        | 1.09        | 0.30        |
| prob20.pddl | <b>0.27</b> | 0.42        | 1.28        | None        | 0.64        | 0.34        |
| prob21.pddl | <b>0.26</b> | 0.34        | 1.04        | None        | 1.38        | 0.35        |
| prob22.pddl | <b>0.58</b> | 1.04        | 3.16        | None        | 3.08        | 0.77        |
| prob23.pddl | <b>0.22</b> | 0.35        | 1.27        | None        | 1.21        | 0.33        |
| prob24.pddl | <b>0.16</b> | 0.23        | 0.71        | None        | 0.71        | 0.28        |
| prob25.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| prob26.pddl | <b>0.12</b> | 0.14        | 0.33        | None        | 0.19        | 0.15        |
| prob27.pddl | <b>0.03</b> | 0.04        | 0.08        | None        | 0.05        | 0.03        |
| prob28.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None        | <b>0.01</b> | <b>0.01</b> |
| prob29.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None        | <b>0.01</b> | <b>0.01</b> |
| prob30.pddl | <b>0.17</b> | 0.23        | 0.71        | None        | 0.47        | 0.20        |

# nomystery-opt11-strips

| Search time | default     | marked      | naive | psvn        | psvn_split  | watched     |
|-------------|-------------|-------------|-------|-------------|-------------|-------------|
| p01.pddl    | 0.01        | 0.02        | 0.02  | 0.01        | <b>0.01</b> | 0.02        |
| p02.pddl    | <b>0.06</b> | 0.08        | 0.25  | 0.07        | 0.07        | 0.08        |
| p03.pddl    | <b>0.06</b> | 0.08        | 0.17  | 0.07        | 0.09        | 0.08        |
| p04.pddl    | <b>0.08</b> | 0.10        | 0.33  | None        | 0.15        | 0.10        |
| p05.pddl    | <b>0.07</b> | 0.13        | 0.62  | None        | 0.28        | 0.11        |
| p06.pddl    | <b>0.09</b> | 0.16        | 0.83  | None        | 0.53        | 0.12        |
| p07.pddl    | <b>0.09</b> | 0.15        | 0.87  | None        | 0.46        | 0.12        |
| p08.pddl    | <b>0.08</b> | 0.17        | 1.01  | None        | 0.52        | 0.13        |
| p09.pddl    | <b>0.09</b> | 0.19        | 1.31  | None        | 0.51        | 0.14        |
| p10.pddl    | <b>0.09</b> | 0.17        | 1.02  | None        | 0.49        | 0.13        |
| p11.pddl    | <b>0.01</b> | <b>0.01</b> | 0.01  | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p12.pddl    | <b>0.05</b> | 0.07        | 0.16  | 0.05        | 0.05        | 0.06        |
| p13.pddl    | <b>0.06</b> | 0.07        | 0.13  | 0.07        | 0.08        | 0.07        |
| p14.pddl    | <b>0.07</b> | 0.10        | 0.24  | None        | 0.15        | 0.09        |
| p15.pddl    | <b>0.07</b> | 0.12        | 0.48  | None        | 0.26        | 0.11        |
| p16.pddl    | <b>0.09</b> | 0.13        | 0.69  | None        | 0.27        | 0.12        |
| p17.pddl    | <b>0.08</b> | 0.13        | 0.69  | None        | 0.27        | 0.12        |
| p18.pddl    | <b>0.08</b> | 0.15        | 0.80  | None        | 0.46        | 0.12        |
| p19.pddl    | <b>0.08</b> | 0.17        | 0.96  | None        | 0.57        | 0.14        |
| p20.pddl    | <b>0.09</b> | 0.15        | 0.73  | None        | 0.29        | 0.15        |

# openstacks-opt08-strips

| Search time | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| p01.pddl    | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p02.pddl    | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p03.pddl    | 0.01        | 0.01        | 0.01        | 0.01        | <b>0.01</b> | 0.01        |
| p04.pddl    | <b>0.05</b> | 0.06        | 0.07        | 0.06        | 0.06        | 0.07        |
| p05.pddl    | <b>0.07</b> | 0.07        | 0.09        | None        | 0.10        | 0.10        |
| p06.pddl    | <b>0.02</b> | 0.03        | 0.04        | None        | 0.11        | 0.03        |
| p07.pddl    | <b>0.07</b> | 0.08        | 0.11        | None        | 0.11        | 0.10        |
| p08.pddl    | <b>0.07</b> | 0.08        | 0.11        | None        | 0.12        | 0.10        |
| p09.pddl    | <b>0.08</b> | 0.09        | 0.13        | None        | 0.17        | 0.12        |
| p10.pddl    | <b>0.10</b> | 0.11        | 0.16        | None        | 0.17        | 0.14        |
| p11.pddl    | <b>0.07</b> | 0.08        | 0.14        | None        | 0.20        | 0.12        |
| p12.pddl    | 0.09        | 0.10        | 0.16        | None        | <b>0.01</b> | 0.15        |
| p13.pddl    | <b>0.07</b> | 0.09        | 0.17        | None        | 0.33        | 0.14        |
| p14.pddl    | <b>0.10</b> | 0.12        | 0.20        | None        | 0.34        | 0.17        |
| p15.pddl    | <b>0.08</b> | 0.10        | 0.19        | None        | 0.37        | 0.16        |
| p16.pddl    | <b>0.07</b> | 0.10        | 0.20        | None        | 0.40        | 0.15        |
| p17.pddl    | <b>0.07</b> | 0.10        | 0.22        | None        | 0.37        | 0.17        |
| p18.pddl    | 0.07        | 0.10        | 0.23        | None        | <b>0.01</b> | 0.17        |
| p19.pddl    | <b>0.09</b> | 0.12        | 0.27        | None        | 0.39        | 0.20        |
| p20.pddl    | <b>0.11</b> | 0.14        | 0.32        | None        | 0.39        | 0.23        |
| p21.pddl    | <b>0.08</b> | 0.12        | 0.31        | None        | 0.69        | 0.20        |
| p22.pddl    | 0.14        | 0.17        | 0.37        | None        | <b>0.01</b> | 0.27        |
| p23.pddl    | <b>0.10</b> | 0.13        | 0.36        | None        | 0.78        | 0.24        |
| p24.pddl    | <b>0.14</b> | 0.17        | 0.42        | None        | 0.87        | 0.29        |
| p25.pddl    | <b>0.08</b> | 0.12        | 0.37        | None        | 0.81        | 0.23        |
| p26.pddl    | <b>0.07</b> | 0.12        | 0.39        | None        | 0.82        | 0.24        |
| p27.pddl    | <b>0.09</b> | 0.13        | 0.42        | None        | 0.89        | 0.25        |
| p28.pddl    | 0.09        | 0.14        | 0.45        | None        | <b>0.01</b> | 0.26        |
| p29.pddl    | <b>0.08</b> | 0.14        | 0.45        | None        | 1.87        | 0.27        |
| p30.pddl    | <b>0.10</b> | 0.15        | 0.50        | None        | 1.76        | 0.30        |

# openstacks-opt11-strips

| Search time | default     | marked | naive | psvn | psvn_split  | watched |
|-------------|-------------|--------|-------|------|-------------|---------|
| p01.pddl    | <b>0.02</b> | 0.03   | 0.04  | None | 0.11        | 0.03    |
| p02.pddl    | <b>0.07</b> | 0.08   | 0.11  | None | 0.12        | 0.10    |
| p03.pddl    | <b>0.07</b> | 0.08   | 0.12  | None | 0.12        | 0.11    |
| p04.pddl    | <b>0.08</b> | 0.09   | 0.13  | None | 0.17        | 0.12    |
| p05.pddl    | <b>0.10</b> | 0.11   | 0.16  | None | 0.17        | 0.15    |
| p06.pddl    | <b>0.07</b> | 0.08   | 0.14  | None | 0.20        | 0.12    |
| p07.pddl    | 0.09        | 0.10   | 0.17  | None | <b>0.01</b> | 0.15    |
| p08.pddl    | <b>0.07</b> | 0.09   | 0.16  | None | 0.34        | 0.14    |
| p09.pddl    | <b>0.10</b> | 0.12   | 0.22  | None | 0.34        | 0.18    |
| p10.pddl    | 0.14        | 0.17   | 0.37  | None | <b>0.01</b> | 0.28    |
| p11.pddl    | <b>0.08</b> | 0.10   | 0.20  | None | 0.38        | 0.15    |
| p12.pddl    | <b>0.07</b> | 0.09   | 0.20  | None | 0.39        | 0.15    |
| p13.pddl    | <b>0.07</b> | 0.10   | 0.22  | None | 0.38        | 0.16    |
| p14.pddl    | 0.07        | 0.11   | 0.24  | None | <b>0.01</b> | 0.17    |
| p15.pddl    | <b>0.09</b> | 0.12   | 0.26  | None | 0.38        | 0.20    |
| p16.pddl    | <b>0.08</b> | 0.12   | 0.30  | None | 0.74        | 0.20    |
| p17.pddl    | <b>0.11</b> | 0.14   | 0.30  | None | 0.40        | 0.23    |
| p18.pddl    | <b>0.10</b> | 0.13   | 0.35  | None | 0.80        | 0.24    |
| p19.pddl    | <b>0.15</b> | 0.16   | 0.41  | None | 0.89        | 0.29    |
| p20.pddl    | <b>0.08</b> | 0.12   | 0.38  | None | 0.79        | 0.24    |

# openstacks-opt14-strips

| Search time | default     | marked | naive | psvn | psvn_split  | watched |
|-------------|-------------|--------|-------|------|-------------|---------|
| p20_1.pddl  | <b>0.09</b> | 0.12   | 0.23  | None | 0.36        | 0.18    |
| p20_2.pddl  | <b>0.07</b> | 0.10   | 0.21  | None | 0.38        | 0.15    |
| p20_3.pddl  | <b>0.08</b> | 0.10   | 0.20  | None | 0.37        | 0.17    |
| p25_1.pddl  | <b>0.12</b> | 0.16   | 0.35  | None | 0.73        | 0.25    |
| p25_3.pddl  | <b>0.09</b> | 0.11   | 0.30  | None | 0.90        | 0.21    |
| p30_1.pddl  | <b>0.07</b> | 0.13   | 0.40  | None | 1.04        | 0.23    |
| p30_2.pddl  | <b>0.18</b> | 0.23   | 0.48  | None | 0.77        | 0.33    |
| p30_3.pddl  | <b>0.11</b> | 0.16   | 0.43  | None | 1.65        | 0.30    |
| p35_1.pddl  | <b>0.08</b> | 0.14   | 0.50  | None | 1.86        | 0.29    |
| p35_2.pddl  | <b>0.08</b> | 0.14   | 0.50  | None | 1.86        | 0.28    |
| p35_3.pddl  | <b>0.09</b> | 0.16   | 0.54  | None | 1.82        | 0.29    |
| p40_1.pddl  | <b>0.07</b> | 0.16   | 0.64  | None | 2.02        | 0.33    |
| p40_2.pddl  | <b>0.08</b> | 0.15   | 0.61  | None | 2.09        | 0.36    |
| p40_3.pddl  | 0.09        | 0.17   | 0.63  | None | <b>0.01</b> | 0.35    |
| p45_1.pddl  | <b>0.09</b> | 0.19   | 0.80  | None | 2.15        | 0.39    |
| p45_2.pddl  | <b>0.08</b> | 0.18   | 0.76  | None | 2.20        | 0.41    |
| p45_3.pddl  | <b>0.10</b> | 0.19   | 0.79  | None | 4.31        | 0.40    |
| p50_1.pddl  | <b>0.10</b> | 0.22   | 0.94  | None | 4.67        | 0.49    |
| p50_2.pddl  | <b>0.38</b> | 0.52   | 1.24  | None | 4.65        | 0.76    |
| p50_3.pddl  | <b>0.12</b> | 0.23   | 0.96  | None | 4.69        | 0.50    |



## openstacks-strips

| Search time | default     | marked | naive | psvn | psvn_split | watched |
|-------------|-------------|--------|-------|------|------------|---------|
| p01.pddl    | <b>0.03</b> | 0.03   | 0.03  | 0.03 | 0.03       | 0.04    |
| p02.pddl    | <b>0.03</b> | 0.03   | 0.04  | 0.03 | 0.03       | 0.04    |
| p03.pddl    | <b>0.03</b> | 0.03   | 0.04  | 0.03 | 0.03       | 0.04    |
| p04.pddl    | <b>0.03</b> | 0.03   | 0.03  | 0.03 | 0.03       | 0.04    |
| p05.pddl    | <b>0.03</b> | 0.03   | 0.03  | 0.03 | 0.03       | 0.04    |
| p06.pddl    | <b>0.06</b> | 0.08   | 0.13  | None | 0.08       | 0.13    |
| p07.pddl    | <b>0.07</b> | 0.08   | 0.13  | None | 0.09       | 0.12    |
| p08.pddl    | <b>0.14</b> | 0.16   | 0.36  | None | 0.93       | 0.54    |
| p09.pddl    | <b>0.13</b> | 0.16   | 0.32  | None | 0.87       | 0.56    |
| p10.pddl    | <b>0.16</b> | 0.17   | 0.41  | None | 1.19       | 0.55    |
| p11.pddl    | <b>0.16</b> | 0.18   | 0.43  | None | 1.19       | 0.55    |
| p12.pddl    | <b>0.12</b> | 0.18   | 0.43  | None | 1.25       | 0.52    |
| p13.pddl    | <b>0.13</b> | 0.18   | 0.41  | None | 1.25       | 0.55    |
| p14.pddl    | <b>0.13</b> | 0.18   | 0.44  | None | 1.19       | 0.54    |
| p15.pddl    | <b>0.16</b> | 0.20   | 0.43  | None | 1.18       | 0.53    |
| p16.pddl    | <b>0.16</b> | 0.18   | 0.44  | None | 1.19       | 0.54    |
| p17.pddl    | <b>0.16</b> | 0.17   | 0.48  | None | 2.09       | 0.73    |
| p18.pddl    | <b>0.27</b> | 0.30   | 0.98  | None | 5.40       | 1.95    |
| p19.pddl    | <b>0.14</b> | 0.16   | 0.53  | None | 2.23       | 0.67    |
| p20.pddl    | <b>0.19</b> | 0.22   | 0.80  | None | None       | 0.98    |
| p21.pddl    | <b>0.21</b> | 0.23   | 0.81  | None | None       | 0.94    |
| p22.pddl    | <b>0.14</b> | 0.24   | 0.79  | None | None       | 0.91    |
| p23.pddl    | <b>0.13</b> | 0.22   | 0.75  | None | None       | 0.91    |
| p24.pddl    | <b>0.37</b> | 0.86   | 2.39  | None | None       | 2.47    |
| p25.pddl    | <b>0.37</b> | 0.81   | 2.37  | None | None       | 2.38    |
| p26.pddl    | <b>0.48</b> | 0.80   | 2.35  | None | 14.05      | 2.39    |
| p27.pddl    | <b>0.98</b> | 1.14   | 4.47  | None | None       | 5.40    |
| p28.pddl    | <b>0.54</b> | 1.26   | 9.38  | None | None       | 8.55    |
| p29.pddl    | <b>0.61</b> | 1.24   | 8.51  | None | None       | 8.43    |
| p30.pddl    | <b>0.82</b> | 1.07   | 10.25 | None | None       | 8.68    |

# organic-synthesis-opt18-strips

| Search time | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| p01.pddl    | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p02.pddl    | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p03.pddl    | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p04.pddl    | None        | None        | None        | None        | None        | None        |
| p05.pddl    | None        | None        | None        | None        | None        | None        |
| p06.pddl    | None        | None        | None        | None        | None        | None        |
| p07.pddl    | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p08.pddl    | None        | None        | None        | None        | None        | None        |
| p09.pddl    | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None        | None        | <b>0.01</b> |
| p10.pddl    | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None        | None        | <b>0.01</b> |
| p11.pddl    | None        | None        | None        | None        | None        | None        |
| p12.pddl    | None        | None        | None        | None        | None        | None        |
| p13.pddl    | None        | None        | None        | None        | None        | None        |
| p14.pddl    | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None        | None        | <b>0.01</b> |
| p15.pddl    | None        | None        | None        | None        | None        | None        |
| p16.pddl    | None        | None        | None        | None        | None        | None        |
| p17.pddl    | None        | None        | None        | None        | None        | None        |
| p18.pddl    | None        | None        | None        | None        | None        | None        |
| p19.pddl    | None        | None        | None        | None        | None        | None        |
| p20.pddl    | None        | None        | None        | None        | None        | None        |

# organic-synthesis-split-opt18-strips

| Search time | default     | marked      | naive       | psvn | psvn_split  | watched     |
|-------------|-------------|-------------|-------------|------|-------------|-------------|
| p01.pddl    | <b>0.04</b> | 0.06        | 0.22        | None | None        | 0.90        |
| p02.pddl    | <b>0.07</b> | 0.10        | 0.52        | None | None        | 1.84        |
| p03.pddl    | <b>0.24</b> | 0.61        | 3.44        | None | None        | 28.10       |
| p04.pddl    | <b>0.21</b> | 0.39        | 1.85        | None | None        | 21.28       |
| p05.pddl    | <b>0.34</b> | 0.77        | 4.86        | None | None        | 62.18       |
| p06.pddl    | <b>0.37</b> | 0.93        | 7.35        | None | None        | 48.46       |
| p07.pddl    | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | <b>0.01</b> | <b>0.01</b> |
| p08.pddl    | <b>0.94</b> | 1.99        | 23.28       | None | None        | 118.96      |
| p09.pddl    | <b>0.11</b> | 0.18        | 0.81        | None | None        | 6.27        |
| p10.pddl    | <b>0.12</b> | 0.20        | 0.88        | None | None        | 6.46        |
| p11.pddl    | <b>2.43</b> | 2.81        | 5.79        | None | None        | 62.90       |
| p12.pddl    | <b>2.84</b> | 3.28        | 6.61        | None | None        | 86.51       |
| p13.pddl    | <b>1.11</b> | 2.63        | 40.74       | None | None        | 281.91      |
| p14.pddl    | <b>0.12</b> | 0.21        | 1.39        | None | 14.36       | 5.17        |
| p15.pddl    | <b>1.52</b> | 3.35        | 48.54       | None | None        | 374.46      |
| p16.pddl    | <b>1.05</b> | 4.17        | 69.69       | None | None        | 737.80      |
| p17.pddl    | <b>1.53</b> | 6.00        | 102.38      | None | None        | 1072.18     |
| p18.pddl    | <b>2.47</b> | 5.20        | 66.76       | None | None        | 575.59      |
| p19.pddl    | <b>1.09</b> | 2.34        | 28.19       | None | None        | 202.65      |
| p20.pddl    | <b>1.09</b> | 2.75        | 37.47       | None | None        | 255.49      |

# parcprinter-08-strips

| Search time | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| p01.pddl    | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p02.pddl    | 0.03        | 0.03        | 0.03        | <b>0.03</b> | 0.04        | 0.04        |
| p03.pddl    | 0.04        | 0.04        | 0.04        | 0.03        | <b>0.03</b> | 0.05        |
| p04.pddl    | 0.13        | <b>0.12</b> | 0.15        | None        | 0.19        | 0.23        |
| p05.pddl    | 0.16        | 0.17        | 0.19        | None        | <b>0.05</b> | 0.31        |
| p06.pddl    | 0.15        | <b>0.14</b> | 0.17        | None        | 0.32        | 0.34        |
| p07.pddl    | <b>0.19</b> | 0.19        | 0.24        | None        | 0.39        | 0.41        |
| p08.pddl    | <b>0.18</b> | 0.19        | 0.24        | None        | 0.68        | 0.47        |
| p09.pddl    | <b>0.22</b> | 0.23        | 0.28        | None        | 0.69        | 0.57        |
| p10.pddl    | 0.26        | <b>0.26</b> | 0.32        | None        | 0.78        | 0.63        |
| p11.pddl    | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p12.pddl    | 0.15        | <b>0.14</b> | 0.15        | 0.15        | 0.14        | 0.18        |
| p13.pddl    | 0.18        | <b>0.17</b> | 0.19        | None        | 0.39        | 0.26        |
| p14.pddl    | 0.16        | <b>0.15</b> | 0.18        | None        | 0.67        | 0.27        |
| p15.pddl    | 0.16        | 0.16        | 0.20        | None        | <b>0.11</b> | 0.29        |
| p16.pddl    | 0.17        | 0.17        | 0.24        | None        | <b>0.03</b> | 0.36        |
| p17.pddl    | 0.20        | <b>0.19</b> | 0.28        | None        | 0.75        | 0.42        |
| p18.pddl    | <b>0.23</b> | 0.24        | 0.33        | None        | None        | 0.51        |
| p19.pddl    | <b>0.25</b> | 0.26        | 0.40        | None        | 1.38        | 0.61        |
| p20.pddl    | 0.28        | 0.30        | 0.48        | None        | <b>0.01</b> | 0.68        |
| p21.pddl    | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p22.pddl    | 0.05        | 0.05        | 0.05        | <b>0.05</b> | 0.08        | 0.06        |
| p23.pddl    | <b>0.13</b> | 0.14        | 0.15        | None        | 0.14        | 0.21        |
| p24.pddl    | <b>0.14</b> | 0.16        | 0.16        | None        | 0.28        | 0.24        |
| p25.pddl    | <b>0.15</b> | 0.16        | 0.18        | None        | 0.31        | 0.29        |
| p26.pddl    | 0.17        | <b>0.17</b> | 0.19        | None        | 0.37        | 0.33        |
| p27.pddl    | <b>0.18</b> | 0.18        | 0.23        | None        | 0.42        | 0.39        |
| p28.pddl    | <b>0.18</b> | 0.19        | 0.24        | None        | 0.65        | 0.44        |
| p29.pddl    | <b>0.20</b> | 0.21        | 0.27        | None        | 0.70        | 0.51        |
| p30.pddl    | <b>0.21</b> | 0.23        | 0.33        | None        | 0.78        | 0.60        |

# parcprinter-opt11-strips

| Search time | default     | marked      | naive | psvn        | psvn_split  | watched |
|-------------|-------------|-------------|-------|-------------|-------------|---------|
| p01.pddl    | 0.05        | <b>0.05</b> | 0.05  | 0.05        | 0.08        | 0.06    |
| p02.pddl    | 0.03        | 0.03        | 0.03  | <b>0.03</b> | 0.04        | 0.04    |
| p03.pddl    | 0.15        | 0.15        | 0.15  | <b>0.14</b> | 0.14        | 0.17    |
| p04.pddl    | 0.13        | <b>0.13</b> | 0.14  | None        | 0.19        | 0.25    |
| p05.pddl    | <b>0.14</b> | 0.14        | 0.15  | None        | 0.14        | 0.20    |
| p06.pddl    | 0.15        | <b>0.15</b> | 0.17  | None        | 0.32        | 0.33    |
| p07.pddl    | 0.17        | 0.16        | 0.19  | None        | <b>0.05</b> | 0.30    |
| p08.pddl    | <b>0.14</b> | 0.14        | 0.16  | None        | 0.28        | 0.24    |
| p09.pddl    | 0.18        | <b>0.17</b> | 0.19  | None        | 0.37        | 0.26    |
| p10.pddl    | <b>0.15</b> | 0.16        | 0.18  | None        | 0.35        | 0.29    |
| p11.pddl    | <b>0.16</b> | 0.16        | 0.20  | None        | 0.33        | 0.33    |
| p12.pddl    | 0.16        | <b>0.16</b> | 0.19  | None        | 0.62        | 0.26    |
| p13.pddl    | <b>0.18</b> | 0.19        | 0.24  | None        | 0.38        | 0.42    |
| p14.pddl    | <b>0.18</b> | 0.18        | 0.23  | None        | 0.67        | 0.47    |
| p15.pddl    | 0.23        | <b>0.22</b> | 0.28  | None        | 0.69        | 0.57    |
| p16.pddl    | <b>0.24</b> | 0.25        | 0.32  | None        | 0.79        | 0.67    |
| p17.pddl    | 0.16        | 0.16        | 0.20  | None        | <b>0.12</b> | 0.30    |
| p18.pddl    | 0.17        | 0.17        | 0.24  | None        | <b>0.03</b> | 0.36    |
| p19.pddl    | <b>0.20</b> | 0.20        | 0.28  | None        | 0.77        | 0.44    |
| p20.pddl    | <b>0.17</b> | 0.18        | 0.23  | None        | 0.42        | 0.38    |

## parking-opt11-strips

| Search time      | default     | marked | naive | psvn | psvn_split | watched |
|------------------|-------------|--------|-------|------|------------|---------|
| pfile03-011.pddl | <b>0.20</b> | 0.36   | 1.05  | None | 2.61       | 0.34    |
| pfile03-012.pddl | <b>0.18</b> | 0.36   | 1.03  | None | 2.62       | 0.34    |
| pfile04-013.pddl | <b>0.21</b> | 0.47   | 1.55  | None | 4.74       | 0.36    |
| pfile04-014.pddl | <b>0.21</b> | 0.49   | 1.57  | None | 4.74       | 0.41    |
| pfile04-015.pddl | <b>0.22</b> | 0.50   | 1.51  | None | 4.53       | 0.38    |
| pfile04-016.pddl | <b>0.23</b> | 0.51   | 1.50  | None | 4.89       | 0.38    |
| pfile05-017.pddl | <b>0.26</b> | 0.76   | 2.24  | None | None       | 0.44    |
| pfile05-018.pddl | <b>0.26</b> | 0.74   | 2.11  | None | None       | 0.45    |
| pfile05-019.pddl | <b>0.26</b> | 0.73   | 2.24  | None | None       | 0.44    |
| pfile05-020.pddl | <b>0.25</b> | 0.73   | 2.22  | None | None       | 0.50    |
| pfile06-021.pddl | <b>0.30</b> | 1.05   | 3.04  | None | 22.42      | 0.55    |
| pfile06-022.pddl | <b>0.28</b> | 1.00   | 3.11  | None | 11.10      | 0.53    |
| pfile06-023.pddl | <b>0.31</b> | 1.04   | 2.95  | None | 12.78      | 0.63    |
| pfile06-024.pddl | <b>0.28</b> | 1.05   | 3.04  | None | 19.89      | 0.61    |
| pfile07-025.pddl | <b>0.33</b> | 1.39   | 4.05  | None | None       | 0.72    |
| pfile07-026.pddl | <b>0.33</b> | 1.37   | 4.23  | None | None       | 0.66    |
| pfile07-027.pddl | <b>0.34</b> | 1.39   | 4.30  | None | None       | 0.64    |
| pfile07-028.pddl | <b>0.33</b> | 1.44   | 4.56  | None | None       | 0.62    |
| pfile08-029.pddl | <b>0.38</b> | 1.78   | 5.55  | None | 26.90      | 0.74    |
| pfile08-030.pddl | <b>0.37</b> | 1.79   | 5.29  | None | 23.57      | 0.76    |

# parking-opt14-strips

| Search time     | default     | marked | naive | psvn | psvn_split | watched |
|-----------------|-------------|--------|-------|------|------------|---------|
| p_12_7-01.pddl  | <b>0.19</b> | 0.36   | 1.04  | None | 2.70       | 0.34    |
| p_12_7-02.pddl  | <b>0.20</b> | 0.35   | 1.00  | None | 2.60       | 0.34    |
| p_12_7-03.pddl  | <b>0.19</b> | 0.35   | 1.00  | None | 2.56       | 0.31    |
| p_12_7-04.pddl  | <b>0.19</b> | 0.36   | 0.99  | None | 2.75       | 0.34    |
| p_14_8-01.pddl  | <b>0.22</b> | 0.50   | 1.50  | None | 4.72       | 0.41    |
| p_14_8-02.pddl  | <b>0.24</b> | 0.49   | 1.61  | None | 5.01       | 0.39    |
| p_14_8-03.pddl  | <b>0.24</b> | 0.47   | 1.54  | None | 4.77       | 0.41    |
| p_14_8-04.pddl  | <b>0.21</b> | 0.50   | 1.43  | None | 4.67       | 0.40    |
| p_16_9-01.pddl  | <b>0.27</b> | 0.76   | 2.12  | None | None       | 0.49    |
| p_16_9-02.pddl  | <b>0.24</b> | 0.71   | 2.08  | None | None       | 0.51    |
| p_16_9-03.pddl  | <b>0.26</b> | 0.78   | 2.12  | None | None       | 0.46    |
| p_16_9-04.pddl  | <b>0.24</b> | 0.77   | 2.20  | None | None       | 0.49    |
| p_18_10-01.pddl | <b>0.28</b> | 1.01   | 3.07  | None | 11.16      | 0.57    |
| p_18_10-02.pddl | <b>0.29</b> | 1.07   | 3.12  | None | 11.30      | 0.54    |
| p_18_10-03.pddl | <b>0.27</b> | 1.03   | 3.33  | None | 14.60      | 0.55    |
| p_18_10-04.pddl | <b>0.30</b> | 1.02   | 3.10  | None | 10.71      | 0.54    |
| p_20_11-01.pddl | <b>0.32</b> | 1.40   | 4.24  | None | None       | 0.61    |
| p_20_11-02.pddl | <b>0.35</b> | 1.38   | 4.23  | None | None       | 0.67    |
| p_20_11-03.pddl | <b>0.30</b> | 1.37   | 4.21  | None | None       | 0.67    |
| p_20_11-04.pddl | <b>0.36</b> | 1.42   | 4.30  | None | None       | 0.65    |

## pathways

| Search time | default     | marked      | naive | psvn | psvn_split  | watched |
|-------------|-------------|-------------|-------|------|-------------|---------|
| p01.pddl    | <b>0.01</b> | <b>0.01</b> | 0.01  | None | <b>0.01</b> | 0.02    |
| p02.pddl    | <b>0.02</b> | 0.02        | 0.02  | None | 0.02        | 0.04    |
| p03.pddl    | 0.07        | 0.07        | 0.08  | None | <b>0.04</b> | 0.20    |
| p04.pddl    | <b>0.06</b> | 0.06        | 0.07  | None | 0.12        | 0.26    |
| p05.pddl    | <b>0.17</b> | 0.18        | 0.21  | None | 0.25        | 0.48    |
| p06.pddl    | <b>0.29</b> | 0.31        | 0.36  | None | 0.47        | 0.91    |
| p07.pddl    | <b>0.36</b> | 0.37        | 0.45  | None | 0.72        | 1.14    |
| p08.pddl    | <b>0.38</b> | 0.43        | 0.53  | None | 0.87        | 1.55    |
| p09.pddl    | <b>0.47</b> | 0.50        | 0.59  | None | 0.94        | 1.58    |
| p10.pddl    | <b>0.35</b> | 0.38        | 0.52  | None | 0.83        | 1.33    |
| p11.pddl    | <b>0.44</b> | 0.47        | 0.55  | None | 0.89        | 1.44    |
| p12.pddl    | <b>0.33</b> | 0.38        | 0.51  | None | 0.86        | 1.48    |
| p13.pddl    | <b>0.43</b> | 0.51        | 0.70  | None | 1.46        | 1.77    |
| p14.pddl    | <b>0.43</b> | 0.46        | 0.64  | None | 1.52        | 1.71    |
| p15.pddl    | <b>0.45</b> | 0.47        | 0.65  | None | 1.49        | 1.79    |
| p16.pddl    | <b>0.60</b> | 0.66        | 0.93  | None | 1.88        | 2.80    |
| p17.pddl    | <b>0.69</b> | 0.75        | 1.03  | None | 2.24        | 3.51    |
| p18.pddl    | <b>0.47</b> | 0.52        | 0.71  | None | 1.68        | 2.36    |
| p19.pddl    | <b>0.63</b> | 0.70        | 0.99  | None | 2.16        | 3.44    |
| p20.pddl    | <b>0.56</b> | 0.62        | 0.85  | None | 1.97        | 2.77    |
| p21.pddl    | <b>0.71</b> | 0.76        | 1.04  | None | 2.28        | 3.60    |
| p22.pddl    | <b>0.64</b> | 0.73        | 1.00  | None | 2.09        | 3.16    |
| p23.pddl    | <b>0.68</b> | 0.74        | 1.09  | None | 2.17        | 3.51    |
| p24.pddl    | <b>0.65</b> | 0.72        | 1.04  | None | None        | 3.58    |
| p25.pddl    | <b>0.89</b> | 0.92        | 1.42  | None | 4.29        | 4.55    |
| p26.pddl    | <b>0.85</b> | 0.95        | 1.31  | None | 4.12        | 4.74    |
| p27.pddl    | <b>0.86</b> | 0.98        | 1.42  | None | 4.47        | 4.93    |
| p28.pddl    | <b>0.87</b> | 0.97        | 1.37  | None | 4.35        | 4.77    |
| p29.pddl    | <b>0.64</b> | 0.70        | 1.04  | None | None        | 3.78    |
| p30.pddl    | <b>0.70</b> | 0.79        | 1.14  | None | 4.30        | 4.96    |



## pegsol-08-strips

| Search time | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| p01.pddl    | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p02.pddl    | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None        | <b>0.01</b> | <b>0.01</b> |
| p03.pddl    | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None        | <b>0.01</b> | <b>0.01</b> |
| p04.pddl    | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None        | <b>0.01</b> | <b>0.01</b> |
| p05.pddl    | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p06.pddl    | <b>0.01</b> | <b>0.01</b> | 0.01        | None        | <b>0.01</b> | 0.02        |
| p07.pddl    | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None        | <b>0.01</b> | <b>0.01</b> |
| p08.pddl    | <b>0.07</b> | 0.08        | 0.10        | None        | 0.08        | 0.13        |
| p09.pddl    | <b>0.02</b> | 0.03        | 0.04        | None        | 0.03        | 0.05        |
| p10.pddl    | <b>0.06</b> | 0.07        | 0.10        | None        | 0.08        | 0.12        |
| p11.pddl    | 0.06        | 0.06        | 0.09        | None        | <b>0.04</b> | 0.12        |
| p12.pddl    | <b>0.06</b> | 0.07        | 0.10        | None        | 0.08        | 0.13        |
| p13.pddl    | <b>0.05</b> | 0.07        | 0.09        | None        | 0.09        | 0.12        |
| p14.pddl    | <b>0.06</b> | 0.07        | 0.09        | None        | 0.08        | 0.12        |
| p15.pddl    | <b>0.06</b> | 0.07        | 0.10        | None        | 0.09        | 0.13        |
| p16.pddl    | 0.05        | 0.06        | 0.09        | None        | <b>0.02</b> | 0.11        |
| p17.pddl    | <b>0.07</b> | 0.08        | 0.11        | None        | 0.09        | 0.14        |
| p18.pddl    | <b>0.07</b> | 0.08        | 0.11        | None        | 0.08        | 0.13        |
| p19.pddl    | <b>0.06</b> | 0.08        | 0.10        | None        | 0.09        | 0.13        |
| p20.pddl    | <b>0.07</b> | 0.08        | 0.11        | None        | 0.10        | 0.14        |
| p21.pddl    | <b>0.07</b> | 0.08        | 0.11        | None        | 0.10        | 0.14        |
| p22.pddl    | <b>0.06</b> | 0.08        | 0.10        | None        | 0.09        | 0.13        |
| p23.pddl    | <b>0.06</b> | 0.08        | 0.10        | None        | 0.10        | 0.13        |
| p24.pddl    | <b>0.09</b> | 0.10        | 0.13        | None        | 0.10        | 0.16        |
| p25.pddl    | <b>0.06</b> | 0.08        | 0.11        | None        | 0.11        | 0.13        |
| p26.pddl    | <b>0.08</b> | 0.09        | 0.12        | None        | 0.09        | 0.14        |
| p27.pddl    | <b>0.09</b> | 0.10        | 0.12        | None        | 0.10        | 0.16        |
| p28.pddl    | <b>0.06</b> | 0.08        | 0.10        | None        | 0.09        | 0.13        |
| p29.pddl    | 0.10        | 0.12        | 0.14        | None        | <b>0.09</b> | 0.18        |
| p30.pddl    | <b>0.08</b> | 0.09        | 0.11        | None        | 0.10        | 0.14        |

# pegsol-opt11-strips

| Search time | default     | marked      | naive       | psvn | psvn_split  | watched     |
|-------------|-------------|-------------|-------------|------|-------------|-------------|
| p01.pddl    | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | <b>0.01</b> | <b>0.01</b> |
| p02.pddl    | <b>0.07</b> | 0.08        | 0.11        | None | 0.09        | 0.14        |
| p03.pddl    | <b>0.07</b> | 0.08        | 0.10        | None | 0.08        | 0.13        |
| p04.pddl    | <b>0.06</b> | 0.08        | 0.10        | None | 0.09        | 0.13        |
| p05.pddl    | <b>0.06</b> | 0.08        | 0.10        | None | 0.09        | 0.13        |
| p06.pddl    | <b>0.07</b> | 0.08        | 0.11        | None | 0.09        | 0.14        |
| p07.pddl    | <b>0.07</b> | 0.08        | 0.11        | None | 0.09        | 0.13        |
| p08.pddl    | <b>0.07</b> | 0.08        | 0.11        | None | 0.09        | 0.14        |
| p09.pddl    | <b>0.07</b> | 0.08        | 0.10        | None | 0.09        | 0.13        |
| p10.pddl    | <b>0.07</b> | 0.08        | 0.11        | None | 0.09        | 0.14        |
| p11.pddl    | <b>0.06</b> | 0.07        | 0.10        | None | 0.09        | 0.13        |
| p12.pddl    | 0.06        | 0.07        | 0.09        | None | <b>0.02</b> | 0.13        |
| p13.pddl    | <b>0.06</b> | 0.09        | 0.10        | None | 0.11        | 0.14        |
| p14.pddl    | <b>0.09</b> | 0.10        | 0.13        | None | 0.09        | 0.19        |
| p15.pddl    | <b>0.06</b> | 0.08        | 0.10        | None | 0.11        | 0.12        |
| p16.pddl    | <b>0.08</b> | 0.09        | 0.12        | None | 0.10        | 0.14        |
| p17.pddl    | 0.10        | 0.11        | 0.13        | None | <b>0.09</b> | 0.16        |
| p18.pddl    | <b>0.06</b> | 0.08        | 0.11        | None | 0.09        | 0.14        |
| p19.pddl    | 0.10        | 0.12        | 0.14        | None | <b>0.09</b> | 0.17        |
| p20.pddl    | <b>0.08</b> | 0.09        | 0.12        | None | 0.10        | 0.14        |

# petri-net-alignment-opt18-strips

| Search time | default     | marked | naive | psvn | psvn_split  | watched |
|-------------|-------------|--------|-------|------|-------------|---------|
| p01.pddl    | 0.11        | 0.12   | 0.15  | None | <b>0.02</b> | 2.62    |
| p02.pddl    | <b>0.11</b> | 0.11   | 0.17  | None | 0.77        | 2.64    |
| p03.pddl    | <b>0.11</b> | 0.12   | 0.17  | None | 0.11        | 2.48    |
| p04.pddl    | 0.10        | 0.12   | 0.18  | None | <b>0.09</b> | 2.63    |
| p05.pddl    | <b>0.11</b> | 0.12   | 0.15  | None | 0.75        | 2.56    |
| p06.pddl    | 0.11        | 0.12   | 0.18  | None | <b>0.11</b> | 2.65    |
| p07.pddl    | 0.11        | 0.12   | 0.17  | None | <b>0.05</b> | 2.63    |
| p08.pddl    | 0.10        | 0.12   | 0.18  | None | <b>0.03</b> | 2.59    |
| p09.pddl    | <b>0.10</b> | 0.11   | 0.18  | None | 0.73        | 2.60    |
| p10.pddl    | <b>0.11</b> | 0.12   | 0.20  | None | 1.34        | 2.51    |
| p11.pddl    | 0.10        | 0.12   | 0.19  | None | <b>0.02</b> | 2.62    |
| p12.pddl    | 0.11        | 0.12   | 0.22  | None | <b>0.05</b> | 2.63    |
| p13.pddl    | <b>0.11</b> | 0.13   | 0.21  | None | 0.68        | 2.55    |
| p14.pddl    | <b>0.10</b> | 0.12   | 0.20  | None | 0.24        | 2.66    |
| p15.pddl    | 0.11        | 0.12   | 0.19  | None | <b>0.01</b> | 2.62    |
| p16.pddl    | 0.10        | 0.12   | 0.22  | None | <b>0.01</b> | 2.53    |
| p17.pddl    | 0.11        | 0.12   | 0.22  | None | <b>0.03</b> | 2.63    |
| p18.pddl    | <b>0.10</b> | 0.12   | 0.22  | None | 1.41        | 2.63    |
| p19.pddl    | <b>0.10</b> | 0.13   | 0.23  | None | 1.37        | 2.49    |
| p20.pddl    | <b>0.10</b> | 0.12   | 0.22  | None | 0.22        | 2.60    |

## pipesworld-notankage

| Search time          | default     | marked      | naive       | psvn | psvn_split | watched     |
|----------------------|-------------|-------------|-------------|------|------------|-------------|
| p01-net1-b6-g2.pddl  | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | 0.02       | <b>0.01</b> |
| p02-net1-b6-g4.pddl  | <b>0.01</b> | 0.01        | 0.01        | None | 0.01       | 0.03        |
| p03-net1-b8-g3.pddl  | 0.03        | <b>0.03</b> | 0.04        | None | 0.03       | 0.07        |
| p04-net1-b8-g5.pddl  | <b>0.08</b> | 0.09        | 0.11        | None | 0.10       | 0.24        |
| p05-net1-b10-g4.pddl | <b>0.11</b> | 0.11        | 0.14        | None | 0.15       | 0.32        |
| p06-net1-b10-g6.pddl | <b>0.11</b> | 0.11        | 0.15        | None | 0.16       | 0.32        |
| p07-net1-b12-g5.pddl | <b>0.13</b> | 0.14        | 0.18        | None | 0.22       | 0.41        |
| p08-net1-b12-g7.pddl | <b>0.13</b> | 0.14        | 0.19        | None | 0.21       | 0.42        |
| p09-net1-b14-g6.pddl | <b>0.15</b> | 0.15        | 0.22        | None | 0.35       | 0.53        |
| p10-net1-b14-g8.pddl | 0.16        | <b>0.15</b> | 0.22        | None | 0.33       | 0.53        |
| p11-net2-b10-g2.pddl | <b>0.10</b> | 0.11        | 0.20        | None | 0.55       | 1.17        |
| p12-net2-b10-g4.pddl | <b>0.10</b> | 0.11        | 0.21        | None | 0.54       | 1.18        |
| p13-net2-b12-g3.pddl | <b>0.11</b> | 0.12        | 0.23        | None | None       | 1.65        |
| p14-net2-b12-g5.pddl | <b>0.12</b> | 0.13        | 0.26        | None | None       | 1.76        |
| p15-net2-b14-g4.pddl | <b>0.11</b> | 0.12        | 0.23        | None | None       | 1.90        |
| p16-net2-b14-g6.pddl | <b>0.11</b> | 0.12        | 0.23        | None | None       | 1.90        |
| p17-net2-b16-g5.pddl | <b>0.16</b> | 0.18        | 0.38        | None | 1.66       | 3.69        |
| p18-net2-b16-g7.pddl | <b>0.16</b> | 0.18        | 0.39        | None | 1.69       | 3.57        |
| p19-net2-b18-g6.pddl | <b>0.16</b> | 0.18        | 0.40        | None | None       | 4.98        |
| p20-net2-b18-g8.pddl | <b>0.16</b> | 0.18        | 0.41        | None | None       | 5.05        |
| p21-net3-b12-g2.pddl | <b>0.12</b> | 0.14        | 0.30        | None | 1.23       | 2.28        |
| p22-net3-b12-g4.pddl | <b>0.13</b> | 0.14        | 0.30        | None | 1.34       | 2.27        |
| p23-net3-b14-g3.pddl | <b>0.17</b> | 0.19        | 0.41        | None | None       | 3.63        |
| p24-net3-b14-g5.pddl | <b>0.16</b> | 0.19        | 0.42        | None | None       | 3.53        |
| p25-net3-b16-g5.pddl | <b>0.20</b> | 0.23        | 0.52        | None | 4.04       | 5.52        |
| p26-net3-b16-g7.pddl | <b>0.20</b> | 0.23        | 0.53        | None | 4.19       | 5.40        |
| p27-net3-b18-g6.pddl | <b>0.25</b> | 0.28        | 0.61        | None | 4.81       | 7.35        |
| p28-net3-b18-g7.pddl | <b>0.25</b> | 0.26        | 0.60        | None | 4.43       | 7.36        |
| p29-net3-b20-g6.pddl | <b>0.28</b> | 0.31        | 0.72        | None | None       | 10.47       |
| p30-net3-b20-g8.pddl | <b>0.27</b> | 0.31        | 0.68        | None | None       | 8.80        |
| p31-net4-b14-g3.pddl | <b>0.16</b> | 0.20        | 0.50        | None | 3.48       | 4.13        |
| p32-net4-b14-g5.pddl | <b>0.15</b> | 0.20        | 0.52        | None | 3.56       | 4.31        |
| p33-net4-b16-g5.pddl | <b>0.18</b> | 0.22        | 0.54        | None | 3.91       | 5.00        |
| p34-net4-b16-g6.pddl | <b>0.20</b> | 0.26        | 0.68        | None | None       | 5.93        |
| p35-net4-b18-g4.pddl | <b>0.25</b> | 0.30        | 0.82        | None | None       | 8.55        |
| p36-net4-b18-g6.pddl | <b>0.26</b> | 0.30        | 0.81        | None | None       | 8.75        |
| p37-net4-b20-g5.pddl | <b>0.31</b> | 0.37        | 0.91        | None | 11.23      | 10.80       |
| p38-net4-b20-g7.pddl | <b>0.30</b> | 0.36        | 0.92        | None | 11.64      | 11.04       |
| p39-net4-b22-g7.pddl | <b>0.43</b> | 0.47        | 1.19        | None | None       | 16.35       |
| p40-net4-b22-g8.pddl | <b>0.38</b> | 0.47        | 1.21        | None | None       | 16.47       |
| p41-net5-b22-g2.pddl | <b>0.32</b> | 0.46        | 1.35        | None | None       | 19.11       |
| p42-net5-b22-g4.pddl | <b>0.33</b> | 0.46        | 1.36        | None | None       | 19.15       |
| p43-net5-b24-g3.pddl | <b>0.42</b> | 0.54        | 1.56        | None | None       | 24.91       |

## pipesworld-tankage

| Search time              | default     | marked      | naive       | psvn | psvn_split  | watched     |
|--------------------------|-------------|-------------|-------------|------|-------------|-------------|
| p01-net1-b6-g2-t50.pddl  | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | <b>0.01</b> | <b>0.01</b> |
| p02-net1-b6-g4-t50.pddl  | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | <b>0.01</b> | 0.01        |
| p03-net1-b8-g3-t80.pddl  | <b>0.14</b> | 0.15        | 0.20        | None | 0.16        | 0.18        |
| p04-net1-b8-g5-t80.pddl  | <b>0.13</b> | 0.15        | 0.20        | None | 0.15        | 0.19        |
| p05-net1-b10-g4-t50.pddl | <b>0.13</b> | 0.14        | 0.22        | None | 0.14        | 0.18        |
| p06-net1-b10-g6-t50.pddl | <b>0.13</b> | 0.15        | 0.22        | None | 0.14        | 0.18        |
| p07-net1-b12-g5-t80.pddl | <b>0.29</b> | 0.37        | 0.67        | None | 0.33        | 0.34        |
| p08-net1-b12-g7-t80.pddl | <b>0.30</b> | 0.38        | 0.66        | None | 0.35        | 0.36        |
| p09-net1-b14-g6-t50.pddl | <b>0.31</b> | 0.40        | 0.72        | None | 0.38        | 0.39        |
| p10-net1-b14-g8-t50.pddl | <b>0.31</b> | 0.40        | 0.75        | None | 0.36        | 0.39        |
| p11-net2-b10-g2-t30.pddl | 0.09        | 0.14        | 0.33        | None | <b>0.08</b> | 0.19        |
| p12-net2-b10-g4-t60.pddl | <b>0.13</b> | 0.21        | 0.50        | None | 4.18        | 0.23        |
| p13-net2-b12-g3-t70.pddl | <b>0.16</b> | 0.25        | 0.67        | None | None        | 0.32        |
| p14-net2-b12-g5-t30.pddl | <b>0.11</b> | 0.18        | 0.43        | None | 2.28        | 0.24        |
| p15-net2-b14-g4-t30.pddl | <b>0.09</b> | 0.16        | 0.43        | None | 2.71        | 0.25        |
| p16-net2-b14-g6-t80.pddl | <b>0.17</b> | 0.32        | 0.96        | None | 6.63        | 0.40        |
| p17-net2-b16-g5-t20.pddl | <b>0.09</b> | 0.17        | 0.50        | None | 4.46        | 0.27        |
| p18-net2-b16-g7-t60.pddl | <b>0.22</b> | 0.40        | 1.04        | None | None        | 0.43        |
| p19-net2-b18-g6-t60.pddl | <b>0.22</b> | 0.44        | 1.25        | None | None        | 0.50        |
| p20-net2-b18-g8-t90.pddl | <b>0.40</b> | 0.95        | 2.25        | None | None        | 0.72        |
| p21-net3-b12-g2-t60.pddl | <b>0.17</b> | 0.24        | 0.58        | None | 5.25        | 0.31        |
| p22-net3-b12-g4-t60.pddl | <b>0.16</b> | 0.24        | 0.61        | None | 4.89        | 0.29        |
| p23-net3-b14-g3-t60.pddl | <b>0.27</b> | 0.46        | 1.20        | None | None        | 0.48        |
| p24-net3-b14-g5-t60.pddl | <b>0.26</b> | 0.47        | 1.27        | None | None        | 0.46        |
| p25-net3-b16-g5-t60.pddl | <b>0.51</b> | 1.03        | 2.40        | None | 35.50       | 0.74        |
| p26-net3-b16-g7-t70.pddl | <b>0.64</b> | 1.23        | 2.98        | None | None        | 0.85        |
| p27-net3-b18-g6-t70.pddl | <b>0.53</b> | 1.03        | 2.62        | None | None        | 0.73        |
| p28-net3-b18-g7-t70.pddl | <b>0.56</b> | 1.03        | 2.65        | None | None        | 0.73        |
| p29-net3-b20-g6-t70.pddl | <b>0.79</b> | 1.57        | 3.79        | None | None        | 1.06        |
| p30-net3-b20-g8-t70.pddl | <b>0.89</b> | 1.77        | 3.96        | None | None        | 1.12        |
| p31-net4-b14-g3-t20.pddl | <b>0.10</b> | 0.15        | 0.38        | None | 3.55        | 0.27        |
| p32-net4-b14-g5-t30.pddl | <b>0.18</b> | 0.33        | 0.92        | None | None        | 0.43        |
| p33-net4-b16-g5-t60.pddl | <b>0.27</b> | 0.49        | 1.43        | None | None        | 0.56        |
| p34-net4-b16-g6-t60.pddl | <b>0.40</b> | 0.78        | 2.01        | None | None        | 0.70        |
| p35-net4-b18-g4-t90.pddl | <b>0.69</b> | 1.95        | 5.17        | None | None        | 1.20        |
| p36-net4-b18-g6-t90.pddl | <b>0.73</b> | 1.89        | 6.62        | None | None        | 1.18        |
| p37-net4-b20-g5-t60.pddl | <b>0.76</b> | 1.52        | 3.77        | None | None        | 1.12        |
| p38-net4-b20-g7-t60.pddl | <b>0.76</b> | 1.55        | 3.78        | None | None        | 1.10        |
| p39-net4-b22-g7-t50.pddl | <b>0.98</b> | 2.10        | 5.33        | None | None        | 1.29        |
| p40-net4-b22-g8-t50.pddl | <b>0.91</b> | 1.99        | 5.68        | None | None        | 1.32        |
| p41-net5-b22-g2-t20.pddl | <b>0.29</b> | 0.77        | 2.37        | None | None        | 0.94        |
| p42-net5-b22-g4-t50.pddl | <b>0.81</b> | 2.59        | 9.96        | None | None        | 1.43        |
| p43-net5-b24-g3-t80.pddl | <b>1.29</b> | 5.81        | 35.41       | None | None        | 2.27        |

**psr-small**

| Search time            | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| p01-s2-n1-l2-f50.pddl  | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p02-s5-n1-l3-f30.pddl  | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p03-s7-n1-l3-f70.pddl  | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p04-s8-n1-l4-f10.pddl  | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p05-s9-n1-l4-f30.pddl  | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p06-s10-n1-l4-f50.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p07-s11-n1-l4-f70.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p08-s12-n1-l5-f10.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p09-s13-n1-l5-f30.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p10-s17-n2-l2-f30.pddl | <b>0.01</b> | <b>0.01</b> | 0.01        | <b>0.01</b> | <b>0.01</b> | 0.01        |
| p11-s18-n2-l2-f50.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p12-s21-n2-l3-f30.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p13-s22-n2-l3-f50.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p14-s23-n2-l3-f70.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p15-s24-n2-l4-f10.pddl | <b>0.03</b> | 0.05        | 0.06        | 0.03        | 0.03        | 0.06        |
| p16-s29-n2-l5-f30.pddl | 0.02        | 0.02        | 0.02        | 0.02        | <b>0.01</b> | 0.02        |
| p17-s30-n2-l5-f50.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p18-s31-n2-l5-f70.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p19-s33-n3-l2-f30.pddl | 0.06        | 0.06        | 0.08        | 0.06        | <b>0.01</b> | 0.09        |
| p20-s34-n3-l2-f50.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p21-s35-n3-l2-f70.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p22-s37-n3-l3-f30.pddl | 0.07        | 0.07        | 0.09        | 0.06        | <b>0.01</b> | 0.10        |
| p23-s38-n3-l3-f50.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p24-s39-n3-l3-f70.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p25-s40-n3-l4-f10.pddl | <b>0.08</b> | 2.25        | 1.53        | 0.09        | 0.40        | 1.09        |
| p26-s41-n3-l4-f30.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p27-s42-n3-l4-f50.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p28-s43-n3-l4-f70.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p29-s45-n3-l5-f30.pddl | 0.08        | 0.08        | 0.10        | 0.07        | <b>0.01</b> | 0.11        |
| p30-s46-n3-l5-f50.pddl | 0.01        | 0.02        | 0.02        | 0.01        | <b>0.01</b> | 0.02        |
| p31-s49-n4-l2-f30.pddl | 0.07        | 0.18        | 0.16        | 0.07        | <b>0.01</b> | 0.16        |
| p32-s50-n4-l2-f50.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p33-s51-n4-l2-f70.pddl | 0.02        | 0.02        | 0.02        | 0.02        | <b>0.01</b> | 0.02        |
| p34-s55-n4-l3-f70.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p35-s57-n5-l2-f30.pddl | 0.07        | 0.08        | 0.10        | None        | <b>0.01</b> | 0.14        |
| p36-s65-n6-l2-f30.pddl | 0.09        | 0.13        | 0.16        | None        | <b>0.01</b> | 0.20        |
| p37-s67-n6-l2-f70.pddl | 0.01        | 0.01        | 0.01        | <b>0.01</b> | <b>0.01</b> | 0.02        |
| p38-s78-n3-l3-f50.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p39-s79-n3-l3-f70.pddl | 0.03        | 0.03        | 0.03        | 0.02        | <b>0.01</b> | 0.04        |
| p40-s80-n3-l4-f10.pddl | 0.10        | 0.25        | 0.22        | None        | <b>0.01</b> | 0.23        |
| p41-s81-n3-l4-f30.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p42-s82-n3-l4-f50.pddl | 0.01        | 0.01        | 0.02        | 0.01        | <b>0.01</b> | 0.02        |
| p43-s83-n3-l4-f70.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |

# rovers

| Search time | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| p01.pddl    | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p02.pddl    | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p03.pddl    | 0.02        | 0.03        | 0.03        | <b>0.02</b> | 0.02        | 0.03        |
| p04.pddl    | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | 0.01        |
| p05.pddl    | <b>0.09</b> | 0.10        | 0.10        | 0.10        | 0.10        | 0.13        |
| p06.pddl    | <b>0.09</b> | 0.10        | 0.10        | 0.10        | 0.11        | 0.14        |
| p07.pddl    | <b>0.10</b> | 0.10        | 0.12        | None        | 0.11        | 0.14        |
| p08.pddl    | <b>0.13</b> | 0.14        | 0.16        | None        | 0.18        | 0.20        |
| p09.pddl    | <b>0.14</b> | 0.15        | 0.18        | None        | 0.17        | 0.23        |
| p10.pddl    | <b>0.15</b> | 0.16        | 0.19        | None        | 0.24        | 0.25        |
| p11.pddl    | <b>0.13</b> | 0.15        | 0.17        | None        | 0.19        | 0.20        |
| p12.pddl    | <b>0.12</b> | 0.12        | 0.16        | None        | 0.15        | 0.17        |
| p13.pddl    | <b>0.15</b> | 0.16        | 0.21        | None        | 0.29        | 0.23        |
| p14.pddl    | <b>0.16</b> | 0.18        | 0.23        | None        | 0.18        | 0.24        |
| p15.pddl    | <b>0.15</b> | 0.16        | 0.22        | None        | 0.20        | 0.26        |
| p16.pddl    | <b>0.15</b> | 0.17        | 0.20        | None        | 0.28        | 0.26        |
| p17.pddl    | <b>0.25</b> | 0.27        | 0.37        | None        | 0.61        | 0.43        |
| p18.pddl    | <b>0.34</b> | 0.37        | 0.57        | None        | 1.12        | 0.55        |
| p19.pddl    | <b>0.34</b> | 0.38        | 0.65        | None        | 2.27        | 0.63        |
| p20.pddl    | <b>0.43</b> | 0.49        | 0.93        | None        | 2.53        | 0.76        |
| p21.pddl    | <b>0.40</b> | 0.48        | 0.97        | None        | 4.85        | 0.73        |
| p22.pddl    | <b>0.41</b> | 0.48        | 0.99        | None        | 4.64        | 0.75        |
| p23.pddl    | <b>0.46</b> | 0.57        | 1.06        | None        | 5.83        | 0.99        |
| p24.pddl    | <b>0.51</b> | 0.60        | 1.16        | None        | 5.40        | 0.90        |
| p25.pddl    | <b>0.61</b> | 0.70        | 1.16        | None        | 5.21        | 0.97        |
| p26.pddl    | <b>0.53</b> | 0.53        | 0.86        | None        | 2.40        | 0.82        |
| p27.pddl    | <b>0.55</b> | 0.58        | 1.02        | None        | 6.15        | 0.99        |
| p28.pddl    | <b>0.70</b> | 0.82        | 1.65        | None        | 12.52       | 1.33        |
| p29.pddl    | <b>0.87</b> | 1.04        | 1.80        | None        | 13.07       | 1.56        |
| p30.pddl    | <b>0.88</b> | 1.00        | 1.90        | None        | None        | 1.66        |
| p31.pddl    | <b>0.74</b> | 0.97        | 1.82        | None        | 13.54       | 1.59        |
| p32.pddl    | <b>0.95</b> | 1.20        | 2.44        | None        | 32.15       | 2.04        |
| p33.pddl    | <b>0.87</b> | 1.15        | 2.51        | None        | 34.35       | 2.13        |
| p34.pddl    | <b>1.13</b> | 1.35        | 2.78        | None        | None        | 2.59        |
| p35.pddl    | <b>1.12</b> | 1.55        | 3.41        | None        | None        | 3.42        |
| p36.pddl    | <b>1.16</b> | 1.45        | 2.91        | None        | None        | 3.62        |
| p37.pddl    | <b>1.33</b> | 1.88        | 4.40        | None        | None        | 4.50        |
| p38.pddl    | <b>1.63</b> | 1.97        | 5.00        | None        | None        | 5.17        |
| p39.pddl    | <b>1.18</b> | 1.65        | 4.94        | None        | None        | 3.88        |
| p40.pddl    | <b>1.75</b> | 2.35        | 5.57        | None        | None        | 6.66        |

## satellite

| Search time         | default      | marked      | naive       | psvn        | psvn_split  | watched     |
|---------------------|--------------|-------------|-------------|-------------|-------------|-------------|
| p01-pfile1.pddl     | <b>0.01</b>  | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p02-pfile2.pddl     | 0.01         | 0.01        | 0.01        | <b>0.01</b> | 0.01        | 0.01        |
| p03-pfile3.pddl     | <b>0.08</b>  | 0.09        | 0.10        | 0.09        | 0.08        | 0.10        |
| p04-pfile4.pddl     | <b>0.09</b>  | 0.10        | 0.12        | 0.10        | 0.10        | 0.12        |
| p05-pfile5.pddl     | <b>0.14</b>  | 0.15        | 0.18        | None        | 0.20        | 0.20        |
| p06-pfile6.pddl     | <b>0.12</b>  | 0.13        | 0.16        | 0.12        | 0.14        | 0.15        |
| p07-pfile7.pddl     | <b>0.24</b>  | 0.26        | 0.32        | None        | 0.33        | 0.32        |
| p08-pfile8.pddl     | <b>0.35</b>  | 0.37        | 0.47        | None        | 0.56        | 0.47        |
| p09-pfile9.pddl     | <b>0.45</b>  | 0.47        | 0.61        | None        | 0.78        | 0.59        |
| p10-pfile10.pddl    | <b>0.51</b>  | 0.53        | 0.73        | None        | 1.16        | 0.64        |
| p11-pfile11.pddl    | <b>0.60</b>  | 0.67        | 0.91        | None        | 1.04        | 0.74        |
| p12-pfile12.pddl    | <b>0.79</b>  | 0.85        | 1.21        | None        | 2.24        | 0.90        |
| p13-pfile13.pddl    | <b>0.92</b>  | 1.02        | 1.41        | None        | 4.07        | 1.09        |
| p14-pfile14.pddl    | <b>0.95</b>  | 1.22        | 1.39        | None        | 2.51        | 1.25        |
| p15-pfile15.pddl    | <b>1.71</b>  | 1.84        | 2.43        | None        | 5.17        | 2.26        |
| p16-pfile16.pddl    | 2.62         | <b>2.52</b> | 3.13        | None        | 6.19        | 2.74        |
| p17-pfile17.pddl    | <b>2.94</b>  | 3.02        | 3.88        | None        | 10.61       | 3.19        |
| p18-pfile18.pddl    | <b>0.80</b>  | 0.94        | 1.22        | None        | 2.33        | 0.98        |
| p19-pfile19.pddl    | <b>0.97</b>  | 1.08        | 1.45        | None        | 3.25        | 1.38        |
| p20-pfile20.pddl    | <b>1.01</b>  | 1.10        | 1.45        | None        | 3.62        | 1.59        |
| p21-HC-pfile1.pddl  | <b>1.55</b>  | 1.84        | 2.78        | None        | 8.47        | 1.91        |
| p22-HC-pfile2.pddl  | <b>2.16</b>  | 2.53        | 3.68        | None        | 18.21       | 2.50        |
| p23-HC-pfile3.pddl  | <b>3.54</b>  | 4.03        | 6.17        | None        | 21.61       | 4.35        |
| p24-HC-pfile4.pddl  | <b>5.25</b>  | 6.32        | 9.91        | None        | 50.68       | 5.99        |
| p25-HC-pfile5.pddl  | <b>6.09</b>  | 6.95        | 15.46       | None        | 117.66      | 6.92        |
| p26-HC-pfile6.pddl  | <b>6.38</b>  | 7.23        | 14.01       | None        | 115.37      | 7.41        |
| p27-HC-pfile7.pddl  | <b>7.86</b>  | 9.50        | 22.14       | None        | 131.45      | 8.94        |
| p28-HC-pfile8.pddl  | <b>12.48</b> | 14.54       | 46.96       | None        | None        | 14.37       |
| p29-HC-pfile9.pddl  | <b>20.12</b> | 24.04       | 72.97       | None        | None        | 21.94       |
| p30-HC-pfile10.pddl | <b>25.98</b> | 30.69       | 100.41      | None        | None        | 28.32       |
| p31-HC-pfile11.pddl | <b>32.42</b> | 41.18       | 145.19      | None        | None        | 41.11       |
| p32-HC-pfile12.pddl | <b>46.90</b> | 65.98       | 247.14      | None        | None        | 52.38       |
| p33-HC-pfile13.pddl | <b>66.71</b> | 91.44       | 369.79      | None        | None        | 74.70       |
| p34-HC-pfile14.pddl | <b>10.99</b> | 14.82       | 75.93       | None        | None        | 12.63       |
| p35-HC-pfile15.pddl | <b>20.96</b> | 27.68       | 124.48      | None        | None        | 24.00       |
| p36-HC-pfile16.pddl | <b>28.41</b> | 37.93       | 157.79      | None        | None        | 32.48       |



# scanalyzer-08-strips

| Search time | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| p01.pddl    | <b>0.10</b> | 0.13        | 0.17        | 0.10        | 0.11        | 0.14        |
| p02.pddl    | <b>0.08</b> | 0.10        | 0.14        | 0.09        | 0.09        | 0.12        |
| p03.pddl    | <b>0.08</b> | 0.09        | 0.12        | 0.09        | 0.08        | 0.11        |
| p04.pddl    | <b>0.27</b> | 0.31        | 0.56        | None        | None        | 0.33        |
| p05.pddl    | <b>0.13</b> | 0.16        | 0.31        | None        | 1.18        | 0.18        |
| p06.pddl    | <b>0.12</b> | 0.15        | 0.26        | None        | 0.70        | 0.17        |
| p07.pddl    | <b>0.58</b> | 0.61        | 1.24        | None        | None        | 0.68        |
| p08.pddl    | <b>0.27</b> | 0.31        | 0.64        | None        | None        | 0.35        |
| p09.pddl    | <b>0.21</b> | 0.25        | 0.56        | None        | 2.74        | 0.27        |
| p10.pddl    | <b>0.83</b> | 0.92        | 2.24        | None        | None        | 1.08        |
| p11.pddl    | <b>0.45</b> | 0.45        | 1.24        | None        | 5.35        | 0.50        |
| p12.pddl    | <b>0.34</b> | 0.38        | 0.99        | None        | None        | 0.41        |
| p13.pddl    | <b>1.19</b> | 1.42        | 3.82        | None        | None        | 1.58        |
| p14.pddl    | <b>0.60</b> | 0.70        | 2.12        | None        | None        | 0.70        |
| p15.pddl    | <b>0.46</b> | 0.53        | 1.78        | None        | None        | 0.64        |
| p16.pddl    | <b>1.73</b> | 2.14        | 6.31        | None        | None        | 2.18        |
| p17.pddl    | <b>0.70</b> | 1.07        | 3.16        | None        | None        | 1.02        |
| p18.pddl    | <b>0.61</b> | 0.83        | 2.87        | None        | None        | 0.78        |
| p19.pddl    | <b>2.04</b> | 3.26        | 20.33       | None        | None        | 2.96        |
| p20.pddl    | <b>0.92</b> | 1.24        | 5.68        | None        | None        | 1.34        |
| p21.pddl    | <b>0.77</b> | 1.23        | 4.60        | None        | None        | 1.23        |
| p22.pddl    | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p23.pddl    | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p24.pddl    | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p25.pddl    | <b>0.15</b> | 0.90        | 5.53        | None        | 1.21        | 1.99        |
| p26.pddl    | <b>0.11</b> | 0.64        | 4.24        | None        | 1.06        | 1.60        |
| p27.pddl    | <b>0.10</b> | 0.55        | 3.41        | None        | 1.24        | 1.41        |
| p28.pddl    | <b>0.32</b> | 7.88        | 138.87      | None        | None        | 6.67        |
| p29.pddl    | <b>0.21</b> | 5.41        | 89.57       | None        | None        | 3.31        |
| p30.pddl    | <b>0.17</b> | 4.51        | 75.51       | None        | None        | 2.59        |

# scanalyzer-opt11-strips

| Search time | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| p01.pddl    | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p02.pddl    | <b>0.09</b> | 0.09        | 0.14        | 0.09        | 0.09        | 0.12        |
| p03.pddl    | 0.08        | 0.09        | 0.12        | <b>0.08</b> | 0.08        | 0.12        |
| p04.pddl    | <b>0.27</b> | 0.29        | 0.56        | None        | None        | 0.33        |
| p05.pddl    | <b>0.51</b> | 0.60        | 1.20        | None        | None        | 0.64        |
| p06.pddl    | <b>0.15</b> | 0.19        | 0.32        | None        | 1.04        | 0.21        |
| p07.pddl    | <b>2.21</b> | 3.12        | 12.30       | None        | None        | 2.82        |
| p08.pddl    | <b>0.83</b> | 0.96        | 2.10        | None        | None        | 1.04        |
| p09.pddl    | <b>1.18</b> | 1.48        | 3.77        | None        | None        | 1.56        |
| p10.pddl    | <b>1.69</b> | 2.19        | 6.38        | None        | None        | 2.21        |
| p11.pddl    | <b>0.15</b> | 0.88        | 8.44        | None        | 1.22        | 1.90        |
| p12.pddl    | <b>0.11</b> | 0.14        | 0.26        | None        | 0.69        | 0.16        |
| p13.pddl    | <b>0.11</b> | 0.56        | 3.45        | None        | 1.30        | 1.20        |
| p14.pddl    | <b>0.11</b> | 0.66        | 4.18        | None        | 1.12        | 1.65        |
| p15.pddl    | <b>0.26</b> | 0.31        | 0.66        | None        | None        | 0.35        |
| p16.pddl    | <b>0.39</b> | 0.47        | 1.24        | None        | 5.24        | 0.50        |
| p17.pddl    | <b>0.56</b> | 0.68        | 2.03        | None        | None        | 0.67        |
| p18.pddl    | <b>0.67</b> | 0.95        | 3.27        | None        | None        | 1.08        |
| p19.pddl    | <b>0.90</b> | 1.34        | 4.92        | None        | None        | 1.27        |
| p20.pddl    | <b>0.32</b> | 8.22        | 138.82      | None        | None        | 4.59        |

# snake-opt18-strips

| Search time | default     | marked | naive | psvn | psvn_split  | watched |
|-------------|-------------|--------|-------|------|-------------|---------|
| p01.pddl    | <b>0.11</b> | 0.36   | 1.56  | None | 0.13        | 0.68    |
| p02.pddl    | <b>0.11</b> | 0.38   | 1.74  | None | 0.14        | 0.74    |
| p03.pddl    | <b>0.11</b> | 0.42   | 1.82  | None | 0.29        | 0.78    |
| p04.pddl    | <b>0.02</b> | 0.08   | 0.34  | None | 0.03        | 0.13    |
| p05.pddl    | 0.13        | 0.34   | 1.46  | None | <b>0.12</b> | 0.62    |
| p06.pddl    | <b>0.12</b> | 0.56   | 2.50  | None | 0.36        | 0.98    |
| p07.pddl    | <b>0.12</b> | 0.58   | 2.67  | None | 0.21        | 1.04    |
| p08.pddl    | <b>0.13</b> | 0.67   | 2.90  | None | 0.21        | 1.09    |
| p09.pddl    | <b>0.11</b> | 0.45   | 2.18  | None | 0.13        | 0.98    |
| p10.pddl    | <b>0.11</b> | 0.49   | 2.34  | None | 0.18        | 0.94    |
| p11.pddl    | <b>0.12</b> | 0.75   | 3.44  | None | 0.22        | 1.36    |
| p12.pddl    | <b>0.13</b> | 0.82   | 3.85  | None | 0.36        | 1.44    |
| p13.pddl    | <b>0.15</b> | 0.89   | 4.27  | None | 0.73        | 1.50    |
| p14.pddl    | <b>0.13</b> | 1.00   | 4.96  | None | 0.39        | 1.58    |
| p15.pddl    | <b>0.12</b> | 0.69   | 3.38  | None | 0.23        | 1.16    |
| p16.pddl    | <b>0.14</b> | 1.03   | 4.97  | None | 0.25        | 1.81    |
| p17.pddl    | <b>0.14</b> | 1.14   | 14.70 | None | 0.44        | 1.81    |
| p18.pddl    | <b>0.16</b> | 1.21   | 5.99  | None | 0.82        | 1.97    |
| p19.pddl    | <b>0.15</b> | 1.38   | 8.26  | None | 1.69        | 2.09    |
| p20.pddl    | <b>0.13</b> | 0.94   | 4.91  | None | 0.40        | 1.68    |

# sokoban-opt08-strips

| Search time | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| p01.pddl    | 0.01        | 0.01        | 0.01        | 0.01        | <b>0.01</b> | 0.02        |
| p02.pddl    | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | 0.01        | <b>0.01</b> | 0.01        |
| p03.pddl    | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p04.pddl    | 0.08        | 0.06        | 0.07        | None        | <b>0.01</b> | 0.13        |
| p05.pddl    | 0.14        | <b>0.09</b> | 0.17        | None        | 0.30        | 0.19        |
| p06.pddl    | 0.06        | 0.06        | 0.07        | None        | <b>0.05</b> | 0.08        |
| p07.pddl    | 0.10        | 0.07        | 0.08        | None        | <b>0.01</b> | 0.19        |
| p08.pddl    | 0.10        | <b>0.07</b> | 0.09        | None        | 0.13        | 0.14        |
| p09.pddl    | 0.08        | 0.07        | 0.08        | None        | <b>0.01</b> | 0.15        |
| p10.pddl    | 0.07        | <b>0.06</b> | 0.07        | None        | 0.09        | 0.14        |
| p11.pddl    | 0.08        | 0.06        | 0.08        | None        | <b>0.01</b> | 0.28        |
| p12.pddl    | 0.10        | <b>0.07</b> | 0.09        | None        | 0.14        | 0.15        |
| p13.pddl    | 0.08        | <b>0.07</b> | 0.08        | None        | 0.09        | 0.13        |
| p14.pddl    | 0.08        | 0.06        | 0.08        | None        | <b>0.01</b> | 0.13        |
| p15.pddl    | 0.11        | <b>0.07</b> | 0.10        | None        | 0.15        | 0.19        |
| p16.pddl    | 0.09        | 0.07        | 0.08        | None        | <b>0.01</b> | 0.18        |
| p17.pddl    | 0.09        | 0.07        | 0.08        | None        | <b>0.02</b> | 0.15        |
| p18.pddl    | 0.10        | 0.07        | 0.09        | None        | <b>0.04</b> | 0.18        |
| p19.pddl    | 0.10        | 0.07        | 0.09        | None        | <b>0.02</b> | 0.15        |
| p20.pddl    | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None        | <b>0.01</b> | 0.12        |
| p21.pddl    | 0.16        | <b>0.11</b> | 0.23        | None        | 0.70        | 0.22        |
| p22.pddl    | 0.11        | 0.07        | 0.09        | None        | <b>0.01</b> | 0.17        |
| p23.pddl    | 0.09        | 0.07        | 0.09        | None        | <b>0.02</b> | 0.13        |
| p24.pddl    | 0.09        | 0.07        | 0.10        | None        | <b>0.01</b> | 0.16        |
| p25.pddl    | 0.11        | 0.07        | 0.10        | None        | <b>0.03</b> | 0.16        |
| p26.pddl    | 0.11        | <b>0.08</b> | 0.11        | None        | 0.14        | 0.17        |
| p27.pddl    | 0.11        | <b>0.08</b> | 0.12        | None        | 0.15        | 0.18        |
| p28.pddl    | 0.11        | 0.07        | 0.10        | None        | <b>0.01</b> | 0.19        |
| p29.pddl    | 0.20        | <b>0.12</b> | 0.28        | None        | 0.71        | 0.30        |
| p30.pddl    | 0.18        | <b>0.12</b> | 0.31        | None        | None        | 0.29        |

# sokoban-opt11-strips

| Search time | default     | marked      | naive       | psvn | psvn_split  | watched |
|-------------|-------------|-------------|-------------|------|-------------|---------|
| p01.pddl    | 0.06        | 0.06        | 0.06        | None | <b>0.05</b> | 0.08    |
| p02.pddl    | 0.09        | 0.07        | 0.08        | None | <b>0.02</b> | 0.14    |
| p03.pddl    | 0.08        | 0.06        | 0.08        | None | <b>0.01</b> | 0.14    |
| p04.pddl    | 0.08        | 0.06        | 0.07        | None | <b>0.01</b> | 0.12    |
| p05.pddl    | 0.10        | 0.07        | 0.08        | None | <b>0.01</b> | 0.17    |
| p06.pddl    | 0.08        | 0.07        | 0.08        | None | <b>0.01</b> | 0.28    |
| p07.pddl    | 0.07        | <b>0.06</b> | 0.08        | None | 0.09        | 0.13    |
| p08.pddl    | 0.09        | 0.07        | 0.08        | None | <b>0.01</b> | 0.15    |
| p09.pddl    | 0.09        | 0.07        | 0.09        | None | <b>0.01</b> | 0.19    |
| p10.pddl    | 0.14        | <b>0.09</b> | 0.16        | None | 0.31        | 0.19    |
| p11.pddl    | 0.08        | <b>0.07</b> | 0.08        | None | 0.09        | 0.13    |
| p12.pddl    | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | <b>0.01</b> | 0.12    |
| p13.pddl    | 0.09        | <b>0.07</b> | 0.09        | None | 0.14        | 0.14    |
| p14.pddl    | 0.09        | <b>0.07</b> | 0.09        | None | 0.14        | 0.15    |
| p15.pddl    | 0.10        | 0.07        | 0.09        | None | <b>0.04</b> | 0.18    |
| p16.pddl    | 0.11        | <b>0.07</b> | 0.10        | None | 0.15        | 0.19    |
| p17.pddl    | 0.10        | 0.07        | 0.09        | None | <b>0.02</b> | 0.14    |
| p18.pddl    | 0.15        | <b>0.10</b> | 0.22        | None | 0.67        | 0.20    |
| p19.pddl    | 0.11        | 0.07        | 0.09        | None | <b>0.01</b> | 0.17    |
| p20.pddl    | 0.09        | 0.07        | 0.09        | None | <b>0.02</b> | 0.13    |

# spider-opt18-strips

| Search time | default     | marked | naive | psvn | psvn_split  | watched |
|-------------|-------------|--------|-------|------|-------------|---------|
| p01.pddl    | 0.08        | 0.35   | 0.89  | None | <b>0.01</b> | 1.18    |
| p02.pddl    | <b>0.09</b> | 0.39   | 1.06  | None | None        | 1.50    |
| p03.pddl    | 0.13        | 1.01   | 2.90  | None | <b>0.02</b> | 3.54    |
| p04.pddl    | <b>0.16</b> | 1.27   | 3.76  | None | None        | 4.89    |
| p05.pddl    | <b>0.19</b> | 2.05   | 5.83  | None | None        | 8.34    |
| p06.pddl    | <b>0.25</b> | 3.25   | 19.36 | None | None        | 13.07   |
| p07.pddl    | 0.04        | 0.17   | 0.43  | None | <b>0.01</b> | 0.58    |
| p08.pddl    | <b>0.11</b> | 0.51   | 1.27  | None | None        | 1.81    |
| p09.pddl    | 0.14        | 1.00   | 2.95  | None | <b>0.02</b> | 3.63    |
| p10.pddl    | 0.16        | 1.28   | 3.73  | None | <b>0.02</b> | 4.89    |
| p11.pddl    | <b>0.21</b> | 2.16   | 7.41  | None | None        | 8.31    |
| p12.pddl    | <b>0.26</b> | 3.16   | 20.12 | None | None        | 13.10   |
| p13.pddl    | <b>0.28</b> | 3.94   | 24.11 | None | None        | 16.16   |
| p14.pddl    | 0.08        | 0.37   | 0.92  | None | <b>0.03</b> | 1.16    |
| p15.pddl    | <b>0.01</b> | 0.08   | 0.19  | None | None        | 0.28    |
| p16.pddl    | 0.12        | 1.04   | 3.34  | None | <b>0.02</b> | 3.54    |
| p17.pddl    | <b>0.14</b> | 1.17   | 3.55  | None | None        | 4.99    |
| p18.pddl    | <b>0.18</b> | 2.22   | 14.15 | None | None        | 8.26    |
| p19.pddl    | <b>0.21</b> | 3.46   | 21.47 | None | None        | 13.09   |
| p20.pddl    | <b>0.26</b> | 3.94   | 22.90 | None | None        | 16.02   |

## storage

| Search time | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| p01.pddl    | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p02.pddl    | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p03.pddl    | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p04.pddl    | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p05.pddl    | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p06.pddl    | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p07.pddl    | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p08.pddl    | <b>0.06</b> | 0.07        | 0.09        | None        | 0.07        | 0.08        |
| p09.pddl    | <b>0.08</b> | 0.09        | 0.14        | None        | 0.12        | 0.11        |
| p10.pddl    | <b>0.06</b> | 0.07        | 0.09        | None        | 0.07        | 0.10        |
| p11.pddl    | <b>0.07</b> | 0.09        | 0.13        | None        | 0.10        | 0.11        |
| p12.pddl    | <b>0.09</b> | 0.11        | 0.19        | None        | 0.15        | 0.14        |
| p13.pddl    | <b>0.07</b> | 0.08        | 0.11        | None        | 0.09        | 0.11        |
| p14.pddl    | <b>0.08</b> | 0.11        | 0.16        | None        | 0.15        | 0.14        |
| p15.pddl    | <b>0.11</b> | 0.14        | 0.24        | None        | 0.27        | 0.16        |
| p16.pddl    | <b>0.12</b> | 0.17        | 0.35        | None        | 0.46        | 0.19        |
| p17.pddl    | <b>0.12</b> | 0.18        | 0.41        | None        | 0.52        | 0.21        |
| p18.pddl    | <b>0.13</b> | 0.21        | 0.51        | None        | 0.97        | 0.23        |
| p19.pddl    | <b>0.15</b> | 0.24        | 0.60        | None        | 1.02        | 0.27        |
| p20.pddl    | <b>0.16</b> | 0.28        | 0.73        | None        | 1.22        | 0.30        |
| p21.pddl    | <b>0.16</b> | 0.35        | 0.97        | None        | 2.16        | 0.35        |
| p22.pddl    | <b>0.19</b> | 0.42        | 1.29        | None        | 4.42        | 0.38        |
| p23.pddl    | <b>0.19</b> | 0.45        | 1.38        | None        | 3.88        | 0.47        |
| p24.pddl    | <b>0.20</b> | 0.46        | 1.52        | None        | 4.29        | 0.46        |
| p25.pddl    | <b>0.22</b> | 0.56        | 1.75        | None        | 4.54        | 0.48        |
| p26.pddl    | <b>0.25</b> | 0.76        | 2.60        | None        | 10.30       | 0.60        |
| p27.pddl    | <b>0.26</b> | 0.85        | 2.86        | None        | 9.78        | 0.64        |
| p28.pddl    | <b>0.27</b> | 0.89        | 3.03        | None        | 9.97        | 0.66        |
| p29.pddl    | <b>0.27</b> | 1.03        | 3.41        | None        | None        | 0.70        |
| p30.pddl    | <b>0.31</b> | 1.14        | 3.83        | None        | None        | 0.76        |

# termes-opt18-strips

| Search time | default     | marked | naive | psvn        | psvn_split | watched |
|-------------|-------------|--------|-------|-------------|------------|---------|
| p01.pddl    | <b>0.06</b> | 0.07   | 0.13  | 0.06        | 0.09       | 0.08    |
| p02.pddl    | <b>0.06</b> | 0.07   | 0.13  | 0.06        | 0.09       | 0.08    |
| p03.pddl    | <b>0.05</b> | 0.08   | 0.15  | None        | 0.10       | 0.08    |
| p04.pddl    | <b>0.06</b> | 0.08   | 0.15  | None        | 0.11       | 0.08    |
| p05.pddl    | <b>0.06</b> | 0.08   | 0.17  | None        | 0.10       | 0.08    |
| p06.pddl    | <b>0.06</b> | 0.08   | 0.16  | None        | 0.10       | 0.08    |
| p07.pddl    | <b>0.05</b> | 0.08   | 0.18  | None        | 0.14       | 0.08    |
| p08.pddl    | <b>0.06</b> | 0.08   | 0.19  | None        | 0.14       | 0.08    |
| p09.pddl    | <b>0.06</b> | 0.08   | 0.21  | None        | 0.22       | 0.08    |
| p10.pddl    | <b>0.06</b> | 0.08   | 0.21  | None        | 0.22       | 0.09    |
| p11.pddl    | <b>0.05</b> | 0.08   | 0.13  | 0.07        | 0.08       | 0.08    |
| p12.pddl    | 0.06        | 0.08   | 0.13  | <b>0.06</b> | 0.08       | 0.08    |
| p13.pddl    | <b>0.05</b> | 0.08   | 0.15  | None        | 0.10       | 0.08    |
| p14.pddl    | <b>0.06</b> | 0.08   | 0.15  | None        | 0.11       | 0.08    |
| p15.pddl    | <b>0.06</b> | 0.08   | 0.17  | None        | 0.12       | 0.08    |
| p16.pddl    | <b>0.06</b> | 0.08   | 0.17  | None        | 0.15       | 0.08    |
| p17.pddl    | <b>0.06</b> | 0.08   | 0.14  | 0.06        | 0.08       | 0.08    |
| p18.pddl    | <b>0.05</b> | 0.08   | 0.13  | 0.06        | 0.08       | 0.08    |
| p19.pddl    | <b>0.06</b> | 0.08   | 0.15  | None        | 0.09       | 0.08    |
| p20.pddl    | <b>0.06</b> | 0.08   | 0.15  | None        | 0.11       | 0.08    |



# tetris-opt14-strips

| Search time | default     | marked      | naive | psvn | psvn_split | watched |
|-------------|-------------|-------------|-------|------|------------|---------|
| p01-6.pddl  | <b>0.16</b> | 0.37        | 1.19  | None | None       | 6.37    |
| p01-8.pddl  | <b>0.23</b> | 0.90        | 2.78  | None | None       | 23.22   |
| p01-10.pddl | <b>0.34</b> | 0.78        | 2.29  | None | None       | 18.74   |
| p02-4.pddl  | <b>0.01</b> | <b>0.01</b> | 0.01  | None | None       | 0.03    |
| p02-6.pddl  | <b>0.20</b> | 0.58        | 1.89  | None | None       | 12.26   |
| p02-8.pddl  | <b>0.30</b> | 0.90        | 2.80  | None | None       | 22.86   |
| p02-10.pddl | <b>0.31</b> | 0.76        | 2.35  | None | None       | 19.37   |
| p03-4.pddl  | <b>0.08</b> | 0.17        | 0.49  | None | None       | 0.88    |
| p03-6.pddl  | <b>0.20</b> | 0.38        | 1.21  | None | None       | 4.51    |
| p03-8.pddl  | <b>0.41</b> | 1.31        | 4.81  | None | None       | 67.24   |
| p03-10.pddl | <b>0.55</b> | 1.75        | 7.40  | None | None       | 126.04  |
| p04-6.pddl  | <b>0.21</b> | 0.40        | 1.23  | None | None       | 6.41    |
| p04-8.pddl  | <b>0.39</b> | 1.10        | 3.72  | None | None       | 46.11   |
| p04-10.pddl | <b>0.54</b> | 1.49        | 5.26  | None | None       | 121.36  |
| p05-6.pddl  | <b>0.15</b> | 0.40        | 1.13  | None | None       | 4.31    |
| p05-8.pddl  | <b>0.42</b> | 1.24        | 4.70  | None | None       | 67.70   |
| p05-10.pddl | <b>0.48</b> | 1.71        | 7.20  | None | None       | 109.33  |

# tidybot-opt11-strips

| Search time | default     | marked      | naive       | psvn | psvn_split | watched     |
|-------------|-------------|-------------|-------------|------|------------|-------------|
| p01.pddl    | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | <b>0.01</b> |
| p02.pddl    | <b>0.09</b> | 0.47        | 1.14        | None | None       | 1.24        |
| p03.pddl    | <b>0.10</b> | 0.32        | 0.83        | None | None       | 0.94        |
| p04.pddl    | <b>0.10</b> | 0.48        | 1.12        | None | None       | 1.24        |
| p05.pddl    | <b>0.12</b> | 0.76        | 1.80        | None | None       | 2.04        |
| p06.pddl    | <b>0.11</b> | 0.78        | 1.78        | None | None       | 2.03        |
| p07.pddl    | <b>0.11</b> | 0.73        | 1.82        | None | None       | 1.88        |
| p08.pddl    | <b>0.12</b> | 0.80        | 1.75        | None | None       | 2.02        |
| p09.pddl    | <b>0.15</b> | 1.24        | 2.72        | None | None       | 3.09        |
| p10.pddl    | <b>0.15</b> | 1.23        | 2.88        | None | None       | 3.09        |
| p11.pddl    | <b>0.15</b> | 1.25        | 2.86        | None | None       | 3.08        |
| p12.pddl    | <b>0.15</b> | 1.25        | 3.15        | None | None       | 2.99        |
| p13.pddl    | <b>0.16</b> | 1.26        | 2.76        | None | None       | 3.09        |
| p14.pddl    | <b>0.17</b> | 1.88        | 4.50        | None | None       | 4.77        |
| p15.pddl    | <b>0.18</b> | 1.95        | 4.32        | None | None       | 4.78        |
| p16.pddl    | <b>0.18</b> | 1.92        | 4.77        | None | None       | 4.99        |
| p17.pddl    | <b>0.18</b> | 1.90        | 4.43        | None | None       | 4.85        |
| p18.pddl    | <b>0.17</b> | 1.92        | 4.49        | None | None       | 4.70        |
| p19.pddl    | <b>0.18</b> | 1.95        | 4.71        | None | None       | 4.91        |
| p20.pddl    | <b>0.17</b> | 1.90        | 4.95        | None | None       | 4.93        |

### tidybot-opt14-strips

| Search time | default     | marked | naive | psvn | psvn_split | watched |
|-------------|-------------|--------|-------|------|------------|---------|
| p01.pddl    | <b>0.18</b> | 1.96   | 4.86  | None | None       | 5.06    |
| p02.pddl    | <b>0.17</b> | 1.93   | 5.22  | None | None       | 5.01    |
| p03.pddl    | <b>0.18</b> | 1.91   | 4.17  | None | None       | 4.91    |
| p04.pddl    | <b>0.18</b> | 1.92   | 5.02  | None | None       | 4.80    |
| p05.pddl    | <b>0.18</b> | 1.91   | 4.57  | None | None       | 4.80    |
| p06.pddl    | <b>0.17</b> | 1.94   | 4.33  | None | None       | 5.25    |
| p07.pddl    | <b>0.17</b> | 1.90   | 4.25  | None | None       | 4.87    |
| p08.pddl    | <b>0.18</b> | 1.96   | 4.93  | None | None       | 4.74    |
| p09.pddl    | <b>0.22</b> | 2.86   | 9.71  | None | None       | 7.43    |
| p10.pddl    | <b>0.20</b> | 2.79   | 9.29  | None | None       | 7.36    |
| p11.pddl    | <b>0.15</b> | 1.22   | 2.79  | None | None       | 3.09    |
| p12.pddl    | <b>0.14</b> | 1.24   | 2.91  | None | None       | 3.10    |
| p13.pddl    | <b>0.15</b> | 1.24   | 2.97  | None | None       | 3.23    |
| p14.pddl    | <b>0.17</b> | 1.83   | 5.14  | None | None       | 4.73    |
| p15.pddl    | <b>0.19</b> | 1.92   | 4.41  | None | None       | 4.74    |
| p16.pddl    | <b>0.18</b> | 1.89   | 4.79  | None | None       | 5.09    |
| p17.pddl    | <b>0.17</b> | 1.94   | 4.07  | None | None       | 4.90    |
| p18.pddl    | <b>0.18</b> | 1.92   | 5.81  | None | None       | 4.79    |
| p19.pddl    | <b>0.17</b> | 1.85   | 4.68  | None | None       | 4.82    |
| p20.pddl    | <b>0.16</b> | 1.89   | 4.55  | None | None       | 4.96    |

# tpp

| Search time | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| p01.pddl    | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p02.pddl    | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p03.pddl    | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p04.pddl    | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p05.pddl    | <b>0.06</b> | 0.06        | 0.06        | 0.08        | 0.07        | 0.10        |
| p06.pddl    | <b>0.08</b> | 0.09        | 0.11        | None        | 0.11        | 0.16        |
| p07.pddl    | <b>0.09</b> | 0.10        | 0.11        | None        | 0.12        | 0.18        |
| p08.pddl    | <b>0.10</b> | 0.11        | 0.13        | None        | 0.15        | 0.21        |
| p09.pddl    | <b>0.11</b> | 0.13        | 0.17        | None        | 0.23        | 0.30        |
| p10.pddl    | <b>0.12</b> | 0.14        | 0.18        | None        | 0.23        | 0.35        |
| p11.pddl    | <b>0.11</b> | 0.13        | 0.22        | None        | 0.19        | 0.21        |
| p12.pddl    | <b>0.12</b> | 0.15        | 0.26        | None        | 0.30        | 0.27        |
| p13.pddl    | <b>0.17</b> | 0.20        | 0.39        | None        | 0.39        | 0.41        |
| p14.pddl    | <b>0.16</b> | 0.21        | 0.44        | None        | 0.45        | 0.50        |
| p15.pddl    | <b>0.19</b> | 0.24        | 0.49        | None        | 0.74        | 0.54        |
| p16.pddl    | <b>0.22</b> | 0.32        | 0.82        | None        | 1.56        | 0.72        |
| p17.pddl    | <b>0.21</b> | 0.34        | 0.99        | None        | 1.89        | 0.92        |
| p18.pddl    | <b>0.23</b> | 0.38        | 1.13        | None        | 2.04        | 1.03        |
| p19.pddl    | <b>0.23</b> | 0.39        | 1.23        | None        | 3.73        | 1.21        |
| p20.pddl    | <b>0.26</b> | 0.42        | 1.27        | None        | 4.16        | 1.37        |
| p21.pddl    | <b>0.22</b> | 0.47        | 1.78        | None        | 3.65        | 0.99        |
| p22.pddl    | <b>0.20</b> | 0.48        | 1.90        | None        | None        | 1.07        |
| p23.pddl    | <b>0.25</b> | 0.58        | 2.15        | None        | None        | 1.29        |
| p24.pddl    | <b>0.27</b> | 0.56        | 2.31        | None        | 8.06        | 1.40        |
| p25.pddl    | <b>0.30</b> | 0.80        | 2.84        | None        | None        | 1.78        |
| p26.pddl    | <b>0.33</b> | 1.08        | 4.72        | None        | None        | 2.41        |
| p27.pddl    | <b>0.34</b> | 1.15        | 4.77        | None        | None        | 2.58        |
| p28.pddl    | <b>0.39</b> | 1.27        | 5.66        | None        | None        | 2.96        |
| p29.pddl    | <b>0.40</b> | 1.48        | 8.80        | None        | None        | 3.82        |
| p30.pddl    | <b>0.43</b> | 1.52        | 11.06       | None        | None        | 4.24        |

# transport-opt08-strips

| Search time | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| p01.pddl    | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p02.pddl    | <b>0.02</b> | 0.02        | 0.03        | 0.02        | 0.03        | 0.03        |
| p03.pddl    | <b>0.09</b> | 0.10        | 0.16        | None        | 0.21        | 0.10        |
| p04.pddl    | <b>0.11</b> | 0.12        | 0.24        | None        | 0.35        | 0.12        |
| p05.pddl    | <b>0.11</b> | 0.15        | 0.34        | None        | 0.64        | 0.15        |
| p06.pddl    | <b>0.14</b> | 0.20        | 0.59        | None        | 1.33        | 0.17        |
| p07.pddl    | <b>0.14</b> | 0.21        | 0.75        | None        | 1.64        | 0.18        |
| p08.pddl    | <b>0.15</b> | 0.24        | 0.86        | None        | None        | 0.17        |
| p09.pddl    | <b>0.15</b> | 0.28        | 1.09        | None        | 3.08        | 0.19        |
| p10.pddl    | <b>0.21</b> | 0.36        | 1.30        | None        | 4.72        | 0.25        |
| p11.pddl    | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p12.pddl    | <b>0.09</b> | 0.10        | 0.14        | 0.09        | 0.10        | 0.10        |
| p13.pddl    | <b>0.09</b> | 0.11        | 0.20        | None        | 0.29        | 0.11        |
| p14.pddl    | <b>0.09</b> | 0.12        | 0.29        | None        | 0.41        | 0.11        |
| p15.pddl    | <b>0.13</b> | 0.15        | 0.41        | None        | 0.71        | 0.13        |
| p16.pddl    | <b>0.20</b> | 0.27        | 0.81        | None        | 1.78        | 0.23        |
| p17.pddl    | <b>0.15</b> | 0.24        | 0.94        | None        | 2.55        | 0.18        |
| p18.pddl    | <b>0.14</b> | 0.28        | 1.19        | None        | 3.78        | 0.17        |
| p19.pddl    | <b>0.14</b> | 0.30        | 1.32        | None        | 4.32        | 0.17        |
| p20.pddl    | <b>0.11</b> | 0.32        | 1.49        | None        | None        | 0.14        |
| p21.pddl    | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p22.pddl    | <b>0.08</b> | 0.08        | 0.10        | 0.08        | 0.08        | 0.09        |
| p23.pddl    | <b>0.10</b> | 0.11        | 0.17        | None        | 0.23        | 0.12        |
| p24.pddl    | <b>0.11</b> | 0.13        | 0.24        | None        | 0.32        | 0.13        |
| p25.pddl    | <b>0.10</b> | 0.13        | 0.32        | None        | 0.60        | 0.12        |
| p26.pddl    | <b>0.18</b> | 0.23        | 0.62        | None        | 1.48        | 0.19        |
| p27.pddl    | <b>0.13</b> | 0.22        | 0.76        | None        | 1.70        | 0.15        |
| p28.pddl    | <b>0.15</b> | 0.26        | 0.92        | None        | 2.60        | 0.18        |
| p29.pddl    | <b>0.20</b> | 0.33        | 1.14        | None        | 3.10        | 0.23        |
| p30.pddl    | <b>0.22</b> | 0.39        | 1.26        | None        | 3.88        | 0.25        |

# transport-opt11-strips

| Search time | default     | marked | naive | psvn | psvn_split  | watched |
|-------------|-------------|--------|-------|------|-------------|---------|
| p01.pddl    | <b>0.10</b> | 0.11   | 0.16  | None | 0.26        | 0.12    |
| p02.pddl    | <b>0.09</b> | 0.10   | 0.16  | None | 0.24        | 0.11    |
| p03.pddl    | <b>0.09</b> | 0.10   | 0.14  | 0.09 | 0.10        | 0.10    |
| p04.pddl    | <b>0.09</b> | 0.11   | 0.20  | None | 0.25        | 0.11    |
| p05.pddl    | <b>0.11</b> | 0.13   | 0.25  | None | 0.29        | 0.13    |
| p06.pddl    | <b>0.10</b> | 0.12   | 0.24  | None | 0.30        | 0.12    |
| p07.pddl    | <b>0.11</b> | 0.14   | 0.33  | None | 0.57        | 0.14    |
| p08.pddl    | <b>0.15</b> | 0.18   | 0.45  | None | 0.73        | 0.18    |
| p09.pddl    | <b>0.12</b> | 0.16   | 0.36  | None | 0.58        | 0.14    |
| p10.pddl    | <b>0.16</b> | 0.22   | 0.51  | None | 1.02        | 0.18    |
| p11.pddl    | <b>0.16</b> | 0.18   | 0.43  | None | 0.56        | 0.18    |
| p12.pddl    | 0.20        | 0.27   | 0.61  | None | <b>0.03</b> | 0.22    |
| p13.pddl    | <b>0.10</b> | 0.14   | 0.38  | None | 0.63        | 0.13    |
| p14.pddl    | <b>0.16</b> | 0.24   | 0.61  | None | 1.34        | 0.20    |
| p15.pddl    | <b>0.13</b> | 0.18   | 0.46  | None | 0.92        | 0.16    |
| p16.pddl    | <b>0.18</b> | 0.25   | 0.65  | None | 1.32        | 0.20    |
| p17.pddl    | <b>0.11</b> | 0.14   | 0.34  | None | 0.61        | 0.15    |
| p18.pddl    | <b>0.10</b> | 0.12   | 0.29  | None | 0.40        | 0.11    |
| p19.pddl    | <b>0.10</b> | 0.13   | 0.32  | None | 0.60        | 0.12    |
| p20.pddl    | <b>0.14</b> | 0.20   | 0.58  | None | 1.13        | 0.18    |

# transport-opt14-strips

| Search time | default     | marked | naive | psvn | psvn_split  | watched |
|-------------|-------------|--------|-------|------|-------------|---------|
| p01.pddl    | <b>0.09</b> | 0.10   | 0.13  | 0.11 | 0.10        | 0.11    |
| p02.pddl    | <b>0.10</b> | 0.11   | 0.19  | None | 0.24        | 0.11    |
| p03.pddl    | <b>0.12</b> | 0.13   | 0.25  | None | 0.37        | 0.15    |
| p04.pddl    | <b>0.13</b> | 0.18   | 0.40  | None | 0.77        | 0.16    |
| p05.pddl    | <b>0.14</b> | 0.19   | 0.55  | None | 1.21        | 0.19    |
| p06.pddl    | <b>0.13</b> | 0.20   | 0.55  | None | 1.15        | 0.15    |
| p07.pddl    | <b>0.09</b> | 0.10   | 0.18  | None | 0.22        | 0.11    |
| p08.pddl    | <b>0.09</b> | 0.13   | 0.30  | None | 0.47        | 0.11    |
| p09.pddl    | <b>0.13</b> | 0.17   | 0.43  | None | 0.77        | 0.15    |
| p10.pddl    | <b>0.10</b> | 0.17   | 0.65  | None | 1.53        | 0.12    |
| p11.pddl    | <b>0.11</b> | 0.22   | 0.85  | None | None        | 0.14    |
| p12.pddl    | <b>0.10</b> | 0.22   | 0.93  | None | 2.52        | 0.11    |
| p13.pddl    | 0.10        | 0.12   | 0.23  | None | <b>0.08</b> | 0.11    |
| p14.pddl    | <b>0.10</b> | 0.15   | 0.41  | None | 0.83        | 0.12    |
| p15.pddl    | <b>0.10</b> | 0.16   | 0.54  | None | None        | 0.12    |
| p16.pddl    | <b>0.12</b> | 0.24   | 0.84  | None | 2.69        | 0.13    |
| p17.pddl    | <b>0.12</b> | 0.30   | 1.25  | None | 4.21        | 0.16    |
| p18.pddl    | <b>0.12</b> | 0.33   | 1.41  | None | 4.25        | 0.15    |
| p19.pddl    | <b>0.12</b> | 0.33   | 1.51  | None | 5.01        | 0.14    |
| p20.pddl    | <b>0.12</b> | 0.35   | 1.54  | None | 5.20        | 0.14    |

## trucks-strips

| Search time | default     | marked | naive | psvn | psvn_split | watched |
|-------------|-------------|--------|-------|------|------------|---------|
| p01.pddl    | <b>0.03</b> | 0.03   | 0.05  | 0.03 | 0.03       | 0.04    |
| p02.pddl    | <b>0.06</b> | 0.07   | 0.11  | 0.07 | 0.07       | 0.09    |
| p03.pddl    | <b>0.09</b> | 0.11   | 0.20  | 0.12 | 0.12       | 0.13    |
| p04.pddl    | <b>0.11</b> | 0.12   | 0.22  | None | 0.14       | 0.16    |
| p05.pddl    | <b>0.15</b> | 0.19   | 0.41  | None | 0.24       | 0.21    |
| p06.pddl    | <b>0.17</b> | 0.22   | 0.46  | None | 0.33       | 0.24    |
| p07.pddl    | <b>0.11</b> | 0.14   | 0.28  | None | 0.16       | 0.16    |
| p08.pddl    | <b>0.17</b> | 0.22   | 0.49  | None | 0.24       | 0.24    |
| p09.pddl    | <b>0.20</b> | 0.25   | 0.60  | None | 0.29       | 0.27    |
| p10.pddl    | <b>0.22</b> | 0.29   | 0.66  | None | 0.31       | 0.31    |
| p11.pddl    | <b>0.30</b> | 0.42   | 1.10  | None | 0.51       | 0.42    |
| p12.pddl    | <b>0.35</b> | 0.45   | 1.18  | None | 0.80       | 0.48    |
| p13.pddl    | <b>0.27</b> | 0.40   | 1.01  | None | 0.72       | 0.38    |
| p14.pddl    | <b>0.30</b> | 0.43   | 1.16  | None | 0.80       | 0.41    |
| p15.pddl    | <b>0.34</b> | 0.53   | 1.28  | None | 0.87       | 0.50    |
| p16.pddl    | <b>0.40</b> | 0.61   | 1.39  | None | 1.49       | 0.53    |
| p17.pddl    | <b>0.49</b> | 0.79   | 2.42  | None | 2.97       | 0.72    |
| p18.pddl    | <b>0.50</b> | 0.84   | 2.44  | None | 3.13       | 0.67    |
| p19.pddl    | <b>0.47</b> | 0.78   | 2.27  | None | 2.86       | 0.66    |
| p20.pddl    | <b>0.59</b> | 0.99   | 2.55  | None | 3.42       | 0.73    |
| p21.pddl    | <b>0.55</b> | 0.93   | 2.54  | None | 3.40       | 0.70    |
| p22.pddl    | <b>0.59</b> | 1.03   | 2.92  | None | 2.10       | 0.87    |
| p23.pddl    | <b>0.85</b> | 1.47   | 4.68  | None | None       | 1.23    |
| p24.pddl    | <b>0.81</b> | 1.58   | 4.74  | None | None       | 1.17    |
| p25.pddl    | <b>0.64</b> | 1.36   | 3.88  | None | 3.87       | 2.71    |
| p26.pddl    | <b>0.66</b> | 1.35   | 4.20  | None | None       | 2.79    |
| p27.pddl    | <b>1.08</b> | 1.85   | 5.26  | None | None       | 3.65    |
| p28.pddl    | <b>1.07</b> | 1.79   | 5.12  | None | None       | 3.82    |
| p29.pddl    | <b>1.38</b> | 2.90   | 10.39 | None | None       | 4.89    |
| p30.pddl    | <b>1.62</b> | 3.00   | 14.38 | None | None       | 5.11    |



# visitall-opt11-strips

| Search time         | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|---------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| problem02-full.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| problem02-half.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| problem03-full.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| problem03-half.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| problem04-full.pddl | 0.06        | 0.06        | 0.06        | <b>0.06</b> | 0.06        | 0.08        |
| problem04-half.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| problem05-full.pddl | 0.07        | 0.07        | 0.07        | 0.07        | <b>0.07</b> | 0.11        |
| problem05-half.pddl | <b>0.06</b> | 0.06        | 0.07        | 0.06        | 0.06        | 0.07        |
| problem06-full.pddl | 0.07        | 0.08        | 0.09        | <b>0.07</b> | 0.08        | 0.15        |
| problem06-half.pddl | 0.06        | 0.06        | 0.07        | 0.06        | <b>0.06</b> | 0.08        |
| problem07-full.pddl | <b>0.08</b> | 0.08        | 0.09        | 0.08        | 0.08        | 0.20        |
| problem07-half.pddl | <b>0.07</b> | 0.08        | 0.09        | 0.07        | 0.07        | 0.14        |
| problem08-full.pddl | 0.08        | 0.09        | 0.10        | <b>0.08</b> | 0.08        | 0.26        |
| problem08-half.pddl | 0.07        | 0.08        | 0.09        | <b>0.07</b> | 0.07        | 0.14        |
| problem09-full.pddl | <b>0.09</b> | 0.10        | 0.12        | 0.09        | 0.09        | 0.36        |
| problem09-half.pddl | 0.08        | 0.09        | 0.11        | <b>0.07</b> | 0.08        | 0.20        |
| problem10-full.pddl | 0.09        | 0.11        | 0.13        | <b>0.09</b> | 0.10        | 0.50        |
| problem10-half.pddl | 0.07        | 0.08        | 0.11        | <b>0.07</b> | 0.07        | 0.19        |
| problem11-full.pddl | <b>0.10</b> | 0.11        | 0.14        | 0.10        | 0.10        | 0.66        |
| problem11-half.pddl | <b>0.07</b> | 0.09        | 0.12        | 0.08        | 0.08        | 0.24        |

# visitall-opt14-strips

| Search time  | default     | marked | naive | psvn        | psvn_split  | watched |
|--------------|-------------|--------|-------|-------------|-------------|---------|
| p-1-5.pddl   | 0.07        | 0.07   | 0.08  | <b>0.07</b> | 0.07        | 0.10    |
| p-1-6.pddl   | <b>0.07</b> | 0.08   | 0.09  | 0.08        | 0.08        | 0.15    |
| p-1-7.pddl   | <b>0.08</b> | 0.08   | 0.09  | 0.08        | 0.08        | 0.18    |
| p-1-8.pddl   | <b>0.08</b> | 0.09   | 0.10  | 0.08        | 0.09        | 0.26    |
| p-1-9.pddl   | <b>0.09</b> | 0.10   | 0.12  | 0.09        | 0.09        | 0.36    |
| p-1-10.pddl  | <b>0.09</b> | 0.10   | 0.13  | 0.09        | 0.10        | 0.49    |
| p-1-11.pddl  | <b>0.10</b> | 0.11   | 0.14  | 0.10        | 0.10        | 0.65    |
| p-1-12.pddl  | <b>0.09</b> | 0.13   | 0.16  | 0.10        | 0.11        | 0.86    |
| p-1-13.pddl  | <b>0.10</b> | 0.13   | 0.17  | 0.10        | 0.11        | 1.15    |
| p-1-14.pddl  | <b>0.11</b> | 0.13   | 0.19  | 0.11        | 0.11        | 1.47    |
| p-1-15.pddl  | <b>0.11</b> | 0.14   | 0.21  | 0.11        | 0.11        | 1.82    |
| p-1-16.pddl  | <b>0.11</b> | 0.15   | 0.22  | 0.11        | 0.13        | 2.40    |
| p-1-17.pddl  | 0.12        | 0.15   | 0.27  | <b>0.11</b> | 0.13        | 3.01    |
| p-1-18.pddl  | <b>0.12</b> | 0.17   | 0.31  | 0.12        | 0.14        | 3.73    |
| p-05-5.pddl  | 0.06        | 0.07   | 0.07  | 0.06        | <b>0.06</b> | 0.09    |
| p-05-6.pddl  | <b>0.06</b> | 0.07   | 0.08  | 0.06        | 0.06        | 0.09    |
| p-05-7.pddl  | 0.06        | 0.07   | 0.08  | 0.06        | <b>0.06</b> | 0.10    |
| p-05-8.pddl  | 0.07        | 0.07   | 0.09  | 0.07        | <b>0.06</b> | 0.13    |
| p-05-9.pddl  | <b>0.07</b> | 0.08   | 0.10  | 0.07        | 0.07        | 0.17    |
| p-05-10.pddl | <b>0.07</b> | 0.08   | 0.11  | 0.07        | 0.07        | 0.18    |

# woodworking-opt08-strips

| Search time | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| p01.pddl    | <b>0.07</b> | 0.08        | 0.11        | None        | 0.09        | 0.11        |
| p02.pddl    | <b>0.09</b> | 0.10        | 0.14        | None        | 0.12        | 0.14        |
| p03.pddl    | <b>0.18</b> | 0.19        | 0.26        | None        | 0.28        | 0.29        |
| p04.pddl    | <b>0.31</b> | 0.35        | 0.44        | None        | 0.55        | 0.47        |
| p05.pddl    | <b>0.40</b> | 0.43        | 0.58        | None        | 0.66        | 0.66        |
| p06.pddl    | <b>0.40</b> | 0.42        | 0.54        | None        | 0.69        | 0.64        |
| p07.pddl    | <b>0.47</b> | 0.51        | 0.69        | None        | 0.71        | 0.81        |
| p08.pddl    | <b>0.65</b> | 0.73        | 0.93        | None        | 1.41        | 1.26        |
| p09.pddl    | <b>0.45</b> | 0.50        | 0.70        | None        | 1.03        | 0.96        |
| p10.pddl    | <b>1.11</b> | 1.12        | 1.46        | None        | 2.77        | 1.76        |
| p11.pddl    | <b>0.04</b> | 0.04        | 0.05        | 0.04        | 0.05        | 0.05        |
| p12.pddl    | <b>0.14</b> | 0.16        | 0.21        | None        | 0.23        | 0.23        |
| p13.pddl    | <b>0.22</b> | 0.24        | 0.33        | None        | 0.29        | 0.36        |
| p14.pddl    | <b>0.24</b> | 0.26        | 0.32        | None        | 0.33        | 0.37        |
| p15.pddl    | <b>0.38</b> | 0.39        | 0.54        | None        | 0.58        | 0.58        |
| p16.pddl    | <b>0.33</b> | 0.35        | 0.53        | None        | 0.60        | 0.60        |
| p17.pddl    | <b>0.59</b> | 0.63        | 0.83        | None        | 0.93        | 0.98        |
| p18.pddl    | <b>0.64</b> | 0.67        | 0.85        | None        | 1.36        | 1.04        |
| p19.pddl    | 0.77        | <b>0.77</b> | 1.00        | None        | 1.16        | 1.32        |
| p20.pddl    | <b>1.08</b> | 1.09        | 1.37        | None        | 2.73        | 1.80        |
| p21.pddl    | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p22.pddl    | <b>0.13</b> | 0.14        | 0.17        | None        | 0.14        | 0.19        |
| p23.pddl    | <b>0.14</b> | 0.16        | 0.19        | None        | 0.19        | 0.22        |
| p24.pddl    | <b>0.22</b> | 0.25        | 0.35        | None        | 0.34        | 0.38        |
| p25.pddl    | <b>0.33</b> | 0.35        | 0.49        | None        | 0.55        | 0.51        |
| p26.pddl    | <b>0.45</b> | 0.49        | 0.62        | None        | 0.96        | 0.76        |
| p27.pddl    | <b>0.49</b> | 0.50        | 0.66        | None        | 0.72        | 0.81        |
| p28.pddl    | 0.67        | <b>0.67</b> | 0.86        | None        | 0.98        | 1.04        |
| p29.pddl    | 0.71        | <b>0.71</b> | 1.12        | None        | 1.57        | 1.31        |
| p30.pddl    | <b>0.82</b> | 0.83        | 1.09        | None        | 1.50        | 1.36        |

# woodworking-opt11-strips

| Search time | default     | marked      | naive | psvn | psvn_split | watched |
|-------------|-------------|-------------|-------|------|------------|---------|
| p01.pddl    | <b>0.14</b> | 0.15        | 0.19  | None | 0.20       | 0.23    |
| p02.pddl    | <b>0.15</b> | 0.16        | 0.23  | None | 0.23       | 0.24    |
| p03.pddl    | <b>0.22</b> | 0.23        | 0.34  | None | 0.29       | 0.37    |
| p04.pddl    | <b>0.19</b> | 0.19        | 0.26  | None | 0.27       | 0.28    |
| p05.pddl    | <b>0.22</b> | 0.24        | 0.33  | None | 0.31       | 0.40    |
| p06.pddl    | <b>0.29</b> | 0.32        | 0.43  | None | 0.55       | 0.49    |
| p07.pddl    | <b>0.23</b> | 0.27        | 0.32  | None | 0.41       | 0.38    |
| p08.pddl    | <b>0.33</b> | 0.34        | 0.48  | None | 0.54       | 0.54    |
| p09.pddl    | <b>0.39</b> | 0.42        | 0.57  | None | 0.66       | 0.67    |
| p10.pddl    | <b>0.38</b> | 0.39        | 0.52  | None | 0.58       | 0.60    |
| p11.pddl    | <b>0.43</b> | 0.48        | 0.61  | None | 0.80       | 0.72    |
| p12.pddl    | <b>0.34</b> | 0.37        | 0.53  | None | 0.62       | 0.57    |
| p13.pddl    | 0.42        | <b>0.40</b> | 0.57  | None | 0.69       | 0.65    |
| p14.pddl    | <b>0.49</b> | 0.52        | 0.67  | None | 0.70       | 0.80    |
| p15.pddl    | 0.65        | <b>0.64</b> | 0.83  | None | 0.89       | 0.99    |
| p16.pddl    | <b>0.47</b> | 0.51        | 0.68  | None | 0.76       | 0.83    |
| p17.pddl    | <b>0.65</b> | 0.72        | 0.85  | None | 0.99       | 1.05    |
| p18.pddl    | <b>0.63</b> | 0.66        | 0.87  | None | 1.41       | 1.07    |
| p19.pddl    | <b>0.69</b> | 0.70        | 0.96  | None | 1.48       | 1.20    |
| p20.pddl    | <b>0.73</b> | 0.74        | 0.92  | None | 1.56       | 1.28    |

## zenotravel

| Search time | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| p01.pddl    | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p02.pddl    | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p03.pddl    | 0.06        | <b>0.03</b> | 0.03        | 0.06        | 0.06        | 0.07        |
| p04.pddl    | 0.06        | 0.06        | 0.07        | <b>0.04</b> | 0.04        | 0.07        |
| p05.pddl    | <b>0.08</b> | 0.10        | 0.15        | 0.09        | 0.09        | 0.11        |
| p06.pddl    | <b>0.10</b> | 0.12        | 0.17        | 0.12        | 0.12        | 0.13        |
| p07.pddl    | <b>0.08</b> | 0.09        | 0.15        | 0.10        | 0.09        | 0.11        |
| p08.pddl    | <b>0.14</b> | 0.17        | 0.31        | None        | 0.19        | 0.18        |
| p09.pddl    | <b>0.13</b> | 0.16        | 0.31        | None        | 0.17        | 0.18        |
| p10.pddl    | <b>0.17</b> | 0.20        | 0.34        | None        | 0.22        | 0.20        |
| p11.pddl    | <b>0.20</b> | 0.24        | 0.44        | None        | 0.28        | 0.24        |
| p12.pddl    | <b>0.19</b> | 0.23        | 0.45        | None        | 0.28        | 0.24        |
| p13.pddl    | <b>0.20</b> | 0.25        | 0.46        | None        | 0.30        | 0.26        |
| p14.pddl    | <b>0.56</b> | 0.77        | 1.58        | None        | 1.23        | 0.71        |
| p15.pddl    | <b>0.30</b> | 0.50        | 1.64        | None        | 1.46        | 0.44        |
| p16.pddl    | <b>0.84</b> | 1.08        | 2.71        | None        | 2.34        | 1.17        |
| p17.pddl    | <b>0.79</b> | 1.00        | 3.22        | None        | 2.31        | 1.03        |
| p18.pddl    | <b>0.57</b> | 0.97        | 3.52        | None        | 3.14        | 0.85        |
| p19.pddl    | <b>0.92</b> | 1.29        | 4.72        | None        | 3.67        | 1.13        |
| p20.pddl    | <b>0.73</b> | 1.30        | 7.90        | None        | 3.47        | 1.00        |

## sg\_intitailization\_time

| Sg intitailization time            | default | marked | naive       | psvn   | psvn_split | watched |
|------------------------------------|---------|--------|-------------|--------|------------|---------|
| airport (9)                        | 0.00    | 0.01   | <b>0.00</b> | 12.97  | 12.11      | 0.00    |
| blocks (6)                         | 0.00    | 0.00   | <b>0.00</b> | 1.61   | 2.25       | 0.00    |
| depot (1)                          | 0.00    | 0.00   | <b>0.00</b> | 0.08   | 0.11       | 0.00    |
| driverlog (4)                      | 0.00    | 0.00   | <b>0.00</b> | 8.76   | 2.28       | 0.00    |
| elevators-opt08-strips (1)         | 0.00    | 0.00   | <b>0.00</b> | 3.59   | 1.28       | 0.00    |
| floortile-opt11-strips (4)         | 0.00    | 0.00   | <b>0.00</b> | 22.23  | 8.20       | 0.00    |
| floortile-opt14-strips (2)         | 0.00    | 0.00   | <b>0.00</b> | 14.90  | 4.55       | 0.00    |
| ged-opt14-strips (3)               | 0.00    | 0.00   | <b>0.00</b> | 1.94   | 3.02       | 0.00    |
| gripper (4)                        | 0.00    | 0.00   | <b>0.00</b> | 2.77   | 1.25       | 0.00    |
| hiking-opt14-strips (7)            | 0.00    | 0.01   | <b>0.00</b> | 18.64  | 13.46      | 0.00    |
| logistics00 (10)                   | 0.00    | 0.00   | <b>0.00</b> | 13.82  | 11.76      | 0.00    |
| logistics98 (2)                    | 0.00    | 0.00   | <b>0.00</b> | 11.40  | 3.96       | 0.00    |
| miconic (150)                      | 0.05    | 0.35   | <b>0.01</b> | 0.15   | 0.18       | 0.01    |
| mystery (4)                        | 0.00    | 0.00   | <b>0.00</b> | 0.68   | 0.95       | 0.00    |
| nomystery-opt11-strips (6)         | 0.00    | 0.01   | <b>0.00</b> | 33.22  | 15.31      | 0.00    |
| openstacks-opt08-strips (4)        | 0.00    | 0.00   | <b>0.00</b> | 2.45   | 2.18       | 0.00    |
| openstacks-strips (5)              | 0.00    | 0.00   | <b>0.00</b> | 2.65   | 3.34       | 0.00    |
| organic-synthesis-opt18-strips (4) | 0.00    | 0.02   | <b>0.00</b> | 0.27   | 0.34       | 0.00    |
| parcprinter-08-strips (7)          | 0.00    | 0.00   | <b>0.00</b> | 1.07   | 1.44       | 0.00    |
| parcprinter-opt11-strips (3)       | 0.00    | 0.00   | <b>0.00</b> | 0.98   | 1.33       | 0.00    |
| pegsol-08-strips (2)               | 0.00    | 0.00   | <b>0.00</b> | 1.68   | 1.42       | 0.00    |
| psr-small (45)                     | 0.01    | 0.09   | <b>0.00</b> | 14.79  | 10.72      | 0.00    |
| rovers (6)                         | 0.00    | 0.00   | <b>0.00</b> | 5.18   | 2.17       | 0.00    |
| satellite (5)                      | 0.00    | 0.00   | <b>0.00</b> | 1.56   | 2.68       | 0.00    |
| scanalyzer-08-strips (6)           | 0.00    | 0.00   | <b>0.00</b> | 0.54   | 0.71       | 0.00    |
| scanalyzer-opt11-strips (3)        | 0.00    | 0.00   | <b>0.00</b> | 0.31   | 0.41       | 0.00    |
| sokoban-opt08-strips (3)           | 0.00    | 0.00   | <b>0.00</b> | 8.54   | 3.14       | 0.00    |
| storage (7)                        | 0.00    | 0.00   | <b>0.00</b> | 3.66   | 2.62       | 0.00    |
| termes-opt18-strips (6)            | 0.00    | 0.01   | <b>0.00</b> | 80.55  | 17.72      | 0.00    |
| tpp (5)                            | 0.00    | 0.00   | <b>0.00</b> | 5.35   | 1.41       | 0.00    |
| transport-opt08-strips (6)         | 0.00    | 0.00   | <b>0.00</b> | 5.97   | 7.97       | 0.00    |
| transport-opt11-strips (1)         | 0.00    | 0.00   | <b>0.00</b> | 3.71   | 3.37       | 0.00    |
| transport-opt14-strips (1)         | 0.00    | 0.00   | <b>0.00</b> | 4.40   | 3.83       | 0.00    |
| trucks-strips (3)                  | 0.00    | 0.00   | <b>0.00</b> | 13.51  | 6.91       | 0.00    |
| visitall-opt11-strips (20)         | 0.00    | 0.01   | <b>0.00</b> | 0.00   | 0.01       | 0.00    |
| visitall-opt14-strips (20)         | 0.00    | 0.07   | <b>0.00</b> | 0.02   | 0.03       | 0.00    |
| woodworking-opt08-strips (2)       | 0.00    | 0.00   | <b>0.00</b> | 9.24   | 4.40       | 0.00    |
| zenotravel (7)                     | 0.00    | 0.00   | <b>0.00</b> | 12.81  | 5.74       | 0.00    |
| <b>Sum (384)</b>                   | 0.08    | 0.58   | <b>0.01</b> | 325.98 | 164.56     | 0.02    |

Only instances where all algorithms have a value for "sg\_initialization\_time" are considered. Each table entry gives the sum of "sg\_initialization\_time" for that domain. The last row reports the sum across all domains.

### agricola-opt18-strips

| Sg initialization time | default | marked | naive       | psvn | psvn_split | watched |
|------------------------|---------|--------|-------------|------|------------|---------|
| p01.pddl               | 0.01    | 0.23   | <b>0.00</b> | None | 12.63      | 0.00    |
| p02.pddl               | 0.02    | 0.48   | <b>0.00</b> | None | 12.76      | 0.00    |
| p03.pddl               | 0.03    | 0.75   | <b>0.00</b> | None | None       | 0.00    |
| p04.pddl               | 0.02    | 0.36   | <b>0.00</b> | None | 14.77      | 0.00    |
| p05.pddl               | 0.03    | 0.67   | <b>0.00</b> | None | 15.55      | 0.00    |
| p06.pddl               | 0.04    | 1.00   | <b>0.00</b> | None | None       | 0.01    |
| p07.pddl               | 0.02    | 0.43   | <b>0.00</b> | None | 15.43      | 0.00    |
| p08.pddl               | 0.03    | 0.82   | <b>0.00</b> | None | None       | 0.00    |
| p09.pddl               | 0.05    | 1.32   | <b>0.00</b> | None | None       | 0.01    |
| p10.pddl               | 0.02    | 0.59   | <b>0.00</b> | None | None       | 0.00    |
| p11.pddl               | 0.04    | 0.96   | <b>0.00</b> | None | None       | 0.00    |
| p12.pddl               | 0.05    | 1.44   | <b>0.00</b> | None | None       | 0.01    |
| p13.pddl               | 0.02    | 0.63   | <b>0.00</b> | None | None       | 0.00    |
| p14.pddl               | 0.04    | 1.18   | <b>0.00</b> | None | None       | 0.01    |
| p15.pddl               | 0.06    | 1.77   | <b>0.00</b> | None | None       | 0.01    |
| p16.pddl               | 0.03    | 0.80   | <b>0.00</b> | None | None       | 0.00    |
| p17.pddl               | 0.05    | 1.36   | <b>0.00</b> | None | None       | 0.01    |
| p18.pddl               | 0.06    | 2.05   | <b>0.00</b> | None | None       | 0.01    |
| p19.pddl               | 0.03    | 1.01   | <b>0.00</b> | None | None       | 0.00    |
| p20.pddl               | 0.05    | 1.51   | <b>0.00</b> | None | 19.84      | 0.01    |

## airport

| Sg initialization time       | default | marked | naive       | psvn | psvn_split | watched |
|------------------------------|---------|--------|-------------|------|------------|---------|
| p01-airport1-p1.pddl         | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p02-airport1-p1.pddl         | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p03-airport1-p2.pddl         | 0.00    | 0.00   | <b>0.00</b> | 0.08 | 0.11       | 0.00    |
| p04-airport2-p1.pddl         | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p05-airport2-p1.pddl         | 0.00    | 0.00   | <b>0.00</b> | 0.02 | 0.03       | 0.00    |
| p06-airport2-p2.pddl         | 0.00    | 0.00   | <b>0.00</b> | 6.53 | 5.75       | 0.00    |
| p07-airport2-p2.pddl         | 0.00    | 0.00   | <b>0.00</b> | 6.30 | 6.18       | 0.00    |
| p08-airport2-p3.pddl         | 0.00    | 0.01   | <b>0.00</b> | None | None       | 0.00    |
| p09-airport2-p4.pddl         | 0.00    | 0.01   | <b>0.00</b> | None | 6.79       | 0.00    |
| p10-airport3-p1.pddl         | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p11-airport3-p1.pddl         | 0.00    | 0.00   | <b>0.00</b> | 0.03 | 0.04       | 0.00    |
| p12-airport3-p2.pddl         | 0.00    | 0.00   | <b>0.00</b> | None | 4.77       | 0.00    |
| p13-airport3-p2.pddl         | 0.00    | 0.00   | <b>0.00</b> | None | 4.75       | 0.00    |
| p14-airport3-p3.pddl         | 0.00    | 0.01   | <b>0.00</b> | None | 8.34       | 0.00    |
| p15-airport3-p3.pddl         | 0.00    | 0.01   | <b>0.00</b> | None | 8.30       | 0.00    |
| p16-airport3-p4.pddl         | 0.00    | 0.01   | <b>0.00</b> | None | None       | 0.00    |
| p17-airport3-p5.pddl         | 0.00    | 0.02   | <b>0.00</b> | None | 10.99      | 0.00    |
| p18-airport3-p6.pddl         | 0.00    | 0.03   | <b>0.00</b> | None | 13.38      | 0.00    |
| p19-airport3-p6.pddl         | 0.00    | 0.02   | <b>0.00</b> | None | None       | 0.00    |
| p20-airport3-p7.pddl         | 0.00    | 0.04   | <b>0.00</b> | None | None       | 0.00    |
| p21-airport4halfMUC-p2.pddl  | 0.00    | 0.07   | <b>0.00</b> | None | None       | 0.00    |
| p22-airport4halfMUC-p3.pddl  | 0.00    | 0.15   | <b>0.00</b> | None | None       | 0.00    |
| p23-airport4halfMUC-p4.pddl  | 0.00    | 0.27   | <b>0.00</b> | None | 34.50      | 0.00    |
| p24-airport4halfMUC-p4.pddl  | 0.00    | 0.34   | <b>0.00</b> | None | None       | 0.00    |
| p25-airport4halfMUC-p5.pddl  | 0.00    | 0.51   | <b>0.00</b> | None | None       | 0.00    |
| p26-airport4halfMUC-p6.pddl  | 0.00    | 0.76   | <b>0.00</b> | None | None       | 0.00    |
| p27-airport4halfMUC-p6.pddl  | 0.00    | 0.89   | <b>0.00</b> | None | None       | 0.00    |
| p28-airport4halfMUC-p7.pddl  | 0.00    | 1.18   | <b>0.00</b> | None | None       | 0.00    |
| p29-airport4halfMUC-p8.pddl  | 0.01    | 1.50   | <b>0.00</b> | None | None       | 0.00    |
| p30-airport4halfMUC-p8.pddl  | 0.01    | 1.64   | <b>0.00</b> | None | None       | 0.00    |
| p31-airport4halfMUC-p9.pddl  | 0.01    | 2.01   | <b>0.00</b> | None | None       | 0.00    |
| p32-airport4halfMUC-p10.pddl | 0.01    | 2.82   | <b>0.00</b> | None | None       | 0.00    |
| p33-airport4halfMUC-p10.pddl | 0.01    | 2.90   | <b>0.00</b> | None | None       | 0.00    |
| p34-airport4halfMUC-p11.pddl | 0.01    | 3.57   | <b>0.00</b> | None | None       | 0.00    |
| p35-airport4halfMUC-p12.pddl | 0.01    | 4.24   | <b>0.00</b> | None | None       | 0.00    |
| p36-airport5MUC-p2.pddl      | 0.00    | 0.12   | <b>0.00</b> | None | None       | 0.00    |
| p37-airport5MUC-p3.pddl      | 0.00    | 0.32   | <b>0.00</b> | None | None       | 0.00    |
| p38-airport5MUC-p3.pddl      | 0.00    | 0.30   | <b>0.00</b> | None | None       | 0.00    |
| p39-airport5MUC-p4.pddl      | 0.00    | 0.63   | <b>0.00</b> | None | None       | 0.00    |
| p40-airport5MUC-p4.pddl      | 0.00    | 0.56   | <b>0.00</b> | None | None       | 0.00    |
| p41-airport5MUC-p4.pddl      | 0.00    | 0.53   | <b>0.00</b> | None | None       | 0.00    |
| p42-airport5MUC-p5.pddl      | 0.00    | 0.95   | <b>0.00</b> | None | None       | 0.00    |
| p43-airport5MUC-p5.pddl      | 0.00    | 0.92   | <b>0.00</b> | None | None       | 0.00    |



### barman-opt11-strips

| Sg intitialization time | default | marked | naive       | psvn | psvn_split | watched |
|-------------------------|---------|--------|-------------|------|------------|---------|
| pfile01-001.pddl        | 0.00    | 0.00   | <b>0.00</b> | None | 2.97       | 0.00    |
| pfile01-002.pddl        | 0.00    | 0.00   | <b>0.00</b> | None | 3.07       | 0.00    |
| pfile01-003.pddl        | 0.00    | 0.00   | <b>0.00</b> | None | 2.87       | 0.00    |
| pfile01-004.pddl        | 0.00    | 0.00   | <b>0.00</b> | None | 2.91       | 0.00    |
| pfile02-005.pddl        | 0.00    | 0.00   | <b>0.00</b> | None | 3.76       | 0.00    |
| pfile02-006.pddl        | 0.00    | 0.00   | <b>0.00</b> | None | 3.70       | 0.00    |
| pfile02-007.pddl        | 0.00    | 0.00   | <b>0.00</b> | None | 3.76       | 0.00    |
| pfile02-008.pddl        | 0.00    | 0.00   | <b>0.00</b> | None | 3.75       | 0.00    |
| pfile03-009.pddl        | 0.00    | 0.00   | <b>0.00</b> | None | 5.95       | 0.00    |
| pfile03-010.pddl        | 0.00    | 0.00   | <b>0.00</b> | None | 6.16       | 0.00    |
| pfile03-011.pddl        | 0.00    | 0.00   | <b>0.00</b> | None | 6.01       | 0.00    |
| pfile03-012.pddl        | 0.00    | 0.00   | <b>0.00</b> | None | 6.25       | 0.00    |
| pfile04-013.pddl        | 0.00    | 0.01   | <b>0.00</b> | None | 5.83       | 0.00    |
| pfile04-014.pddl        | 0.00    | 0.01   | <b>0.00</b> | None | 5.91       | 0.00    |
| pfile04-015.pddl        | 0.00    | 0.01   | <b>0.00</b> | None | 5.87       | 0.00    |
| pfile04-016.pddl        | 0.00    | 0.01   | <b>0.00</b> | None | 5.63       | 0.00    |
| pfile05-017.pddl        | 0.00    | 0.01   | <b>0.00</b> | None | 7.33       | 0.00    |
| pfile05-018.pddl        | 0.00    | 0.01   | <b>0.00</b> | None | 7.59       | 0.00    |
| pfile05-019.pddl        | 0.00    | 0.01   | <b>0.00</b> | None | 7.49       | 0.00    |
| pfile05-020.pddl        | 0.00    | 0.01   | <b>0.00</b> | None | 7.47       | 0.00    |

### barman-opt14-strips

| Sg intitialization time | default | marked | naive       | psvn | psvn_split | watched |
|-------------------------|---------|--------|-------------|------|------------|---------|
| p435-1.pddl             | 0.00    | 0.00   | <b>0.00</b> | None | 3.59       | 0.00    |
| p435-2.pddl             | 0.00    | 0.00   | <b>0.00</b> | None | 3.71       | 0.00    |
| p435-3.pddl             | 0.00    | 0.00   | <b>0.00</b> | None | 3.61       | 0.00    |
| p536-1.pddl             | 0.00    | 0.00   | <b>0.00</b> | None | 5.78       | 0.00    |
| p536-2.pddl             | 0.00    | 0.00   | <b>0.00</b> | None | 6.18       | 0.00    |
| p536-3.pddl             | 0.00    | 0.00   | <b>0.00</b> | None | 6.01       | 0.00    |
| p638-1.pddl             | 0.00    | 0.01   | <b>0.00</b> | None | 5.77       | 0.00    |
| p638-2.pddl             | 0.00    | 0.01   | <b>0.00</b> | None | 5.87       | 0.00    |
| p638-3.pddl             | 0.00    | 0.01   | <b>0.00</b> | None | 5.62       | 0.00    |
| p739-1.pddl             | 0.00    | 0.01   | <b>0.00</b> | None | 7.60       | 0.00    |
| p739-2.pddl             | 0.00    | 0.01   | <b>0.00</b> | None | 7.46       | 0.00    |
| p739-3.pddl             | 0.00    | 0.01   | <b>0.00</b> | None | 7.61       | 0.00    |
| p839-1.pddl             | 0.00    | 0.01   | <b>0.00</b> | None | 8.87       | 0.00    |
| p839-2.pddl             | 0.00    | 0.01   | <b>0.00</b> | None | 8.99       | 0.00    |

## blocks

| Sg initialization time | default | marked | naive       | psvn | psvn_split | watched |
|------------------------|---------|--------|-------------|------|------------|---------|
| probBLOCKS-4-0.pddl    | 0.00    | 0.00   | <b>0.00</b> | 0.02 | 0.03       | 0.00    |
| probBLOCKS-4-1.pddl    | 0.00    | 0.00   | <b>0.00</b> | 0.02 | 0.03       | 0.00    |
| probBLOCKS-4-2.pddl    | 0.00    | 0.00   | <b>0.00</b> | 0.02 | 0.03       | 0.00    |
| probBLOCKS-5-0.pddl    | 0.00    | 0.00   | <b>0.00</b> | 0.54 | 0.72       | 0.00    |
| probBLOCKS-5-1.pddl    | 0.00    | 0.00   | <b>0.00</b> | 0.50 | 0.72       | 0.00    |
| probBLOCKS-5-2.pddl    | 0.00    | 0.00   | <b>0.00</b> | 0.50 | 0.73       | 0.00    |
| probBLOCKS-6-0.pddl    | 0.00    | 0.00   | <b>0.00</b> | None | 2.02       | 0.00    |
| probBLOCKS-6-1.pddl    | 0.00    | 0.00   | <b>0.00</b> | None | 1.72       | 0.00    |
| probBLOCKS-6-2.pddl    | 0.00    | 0.00   | <b>0.00</b> | None | 1.77       | 0.00    |
| probBLOCKS-7-0.pddl    | 0.00    | 0.00   | <b>0.00</b> | None | 1.99       | 0.00    |
| probBLOCKS-7-1.pddl    | 0.00    | 0.00   | <b>0.00</b> | None | 1.96       | 0.00    |
| probBLOCKS-7-2.pddl    | 0.00    | 0.00   | <b>0.00</b> | None | 2.05       | 0.00    |
| probBLOCKS-8-0.pddl    | 0.00    | 0.00   | <b>0.00</b> | None | 2.51       | 0.00    |
| probBLOCKS-8-1.pddl    | 0.00    | 0.00   | <b>0.00</b> | None | 2.47       | 0.00    |
| probBLOCKS-8-2.pddl    | 0.00    | 0.00   | <b>0.00</b> | None | 2.50       | 0.00    |
| probBLOCKS-9-0.pddl    | 0.00    | 0.00   | <b>0.00</b> | None | 2.78       | 0.00    |
| probBLOCKS-9-1.pddl    | 0.00    | 0.00   | <b>0.00</b> | None | 2.83       | 0.00    |
| probBLOCKS-9-2.pddl    | 0.00    | 0.00   | <b>0.00</b> | None | 2.81       | 0.00    |
| probBLOCKS-10-0.pddl   | 0.00    | 0.00   | <b>0.00</b> | None | 3.77       | 0.00    |
| probBLOCKS-10-1.pddl   | 0.00    | 0.00   | <b>0.00</b> | None | 3.83       | 0.00    |
| probBLOCKS-10-2.pddl   | 0.00    | 0.00   | <b>0.00</b> | None | 3.76       | 0.00    |
| probBLOCKS-11-0.pddl   | 0.00    | 0.00   | <b>0.00</b> | None | 3.37       | 0.00    |
| probBLOCKS-11-1.pddl   | 0.00    | 0.00   | <b>0.00</b> | None | 3.42       | 0.00    |
| probBLOCKS-11-2.pddl   | 0.00    | 0.00   | <b>0.00</b> | None | 3.56       | 0.00    |
| probBLOCKS-12-0.pddl   | 0.00    | 0.00   | <b>0.00</b> | None | 4.07       | 0.00    |
| probBLOCKS-12-1.pddl   | 0.00    | 0.00   | <b>0.00</b> | None | 4.07       | 0.00    |
| probBLOCKS-13-0.pddl   | 0.00    | 0.00   | <b>0.00</b> | None | 5.13       | 0.00    |
| probBLOCKS-13-1.pddl   | 0.00    | 0.00   | <b>0.00</b> | None | 5.00       | 0.00    |
| probBLOCKS-14-0.pddl   | 0.00    | 0.00   | <b>0.00</b> | None | 5.20       | 0.00    |
| probBLOCKS-14-1.pddl   | 0.00    | 0.00   | <b>0.00</b> | None | 5.16       | 0.00    |
| probBLOCKS-15-0.pddl   | 0.00    | 0.00   | <b>0.00</b> | None | 5.51       | 0.00    |
| probBLOCKS-15-1.pddl   | 0.00    | 0.00   | <b>0.00</b> | None | 5.57       | 0.00    |
| probBLOCKS-16-1.pddl   | 0.00    | 0.00   | <b>0.00</b> | None | 5.88       | 0.00    |
| probBLOCKS-16-2.pddl   | 0.00    | 0.00   | <b>0.00</b> | None | 5.95       | 0.00    |
| probBLOCKS-17-0.pddl   | 0.00    | 0.00   | <b>0.00</b> | None | 6.52       | 0.00    |

## childsnack-opt14-strips

| Sg initialization time     | default | marked | naive       | psvn | psvn_split | watched |
|----------------------------|---------|--------|-------------|------|------------|---------|
| child-snack_pfile01-2.pddl | 0.00    | 0.00   | <b>0.00</b> | None | 5.62       | 0.00    |
| child-snack_pfile01.pddl   | 0.00    | 0.00   | <b>0.00</b> | None | 5.35       | 0.00    |
| child-snack_pfile02-2.pddl | 0.00    | 0.00   | <b>0.00</b> | None | 7.54       | 0.00    |
| child-snack_pfile02.pddl   | 0.00    | 0.00   | <b>0.00</b> | None | 7.96       | 0.00    |
| child-snack_pfile03-2.pddl | 0.00    | 0.00   | <b>0.00</b> | None | 12.44      | 0.00    |
| child-snack_pfile03.pddl   | 0.00    | 0.00   | <b>0.00</b> | None | 12.31      | 0.00    |
| child-snack_pfile04-2.pddl | 0.00    | 0.01   | <b>0.00</b> | None | 13.84      | 0.00    |
| child-snack_pfile04.pddl   | 0.00    | 0.01   | <b>0.00</b> | None | 14.21      | 0.00    |
| child-snack_pfile05-2.pddl | 0.00    | 0.01   | <b>0.00</b> | None | 18.56      | 0.00    |
| child-snack_pfile05.pddl   | 0.00    | 0.01   | <b>0.00</b> | None | 18.67      | 0.00    |
| child-snack_pfile06-2.pddl | 0.00    | 0.01   | <b>0.00</b> | None | None       | 0.00    |
| child-snack_pfile06.pddl   | 0.00    | 0.01   | <b>0.00</b> | None | None       | 0.00    |
| child-snack_pfile07-2.pddl | 0.00    | 0.02   | <b>0.00</b> | None | 32.10      | 0.00    |
| child-snack_pfile07.pddl   | 0.00    | 0.02   | <b>0.00</b> | None | 32.15      | 0.00    |
| child-snack_pfile08-2.pddl | 0.00    | 0.02   | <b>0.00</b> | None | None       | 0.00    |
| child-snack_pfile08.pddl   | 0.00    | 0.02   | <b>0.00</b> | None | None       | 0.00    |
| child-snack_pfile09-2.pddl | 0.00    | 0.03   | <b>0.00</b> | None | None       | 0.00    |
| child-snack_pfile09.pddl   | 0.00    | 0.03   | <b>0.00</b> | None | None       | 0.00    |
| child-snack_pfile10-2.pddl | 0.00    | 0.04   | <b>0.00</b> | None | 38.70      | 0.00    |
| child-snack_pfile10.pddl   | 0.00    | 0.04   | <b>0.00</b> | None | 38.71      | 0.00    |

## data-network-opt18-strips

| Sg initialization time | default | marked | naive       | psvn | psvn_split | watched |
|------------------------|---------|--------|-------------|------|------------|---------|
| p01.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 6.18       | 0.00    |
| p02.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 6.03       | 0.00    |
| p03.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 7.51       | 0.00    |
| p04.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 11.07      | 0.00    |
| p05.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 9.03       | 0.00    |
| p06.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 8.86       | 0.00    |
| p07.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 11.32      | 0.00    |
| p08.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 9.10       | 0.00    |
| p09.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 6.99       | 0.00    |
| p10.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 7.30       | 0.00    |
| p11.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 7.01       | 0.00    |
| p12.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 9.04       | 0.00    |
| p13.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 7.51       | 0.00    |
| p14.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 9.20       | 0.00    |
| p15.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 6.77       | 0.00    |
| p16.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 6.68       | 0.00    |
| p17.pddl               | 0.00    | 0.02   | <b>0.00</b> | None | 7.71       | 0.00    |
| p18.pddl               | 0.00    | 0.02   | <b>0.00</b> | None | 9.79       | 0.00    |
| p19.pddl               | 0.00    | 0.03   | <b>0.00</b> | None | 13.05      | 0.00    |
| p20.pddl               | 0.00    | 0.03   | <b>0.00</b> | None | 8.91       | 0.00    |

## depot

| Sg initialization time | default | marked | naive       | psvn | psvn_split | watched |
|------------------------|---------|--------|-------------|------|------------|---------|
| p01.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.08 | 0.11       | 0.00    |
| p02.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 4.14       | 0.00    |
| p03.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 5.60       | 0.00    |
| p04.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 6.42       | 0.00    |
| p05.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 6.63       | 0.00    |
| p06.pddl               | 0.00    | 0.02   | <b>0.00</b> | None | 12.45      | 0.00    |
| p07.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 5.53       | 0.00    |
| p08.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 11.11      | 0.00    |
| p09.pddl               | 0.00    | 0.02   | <b>0.00</b> | None | 10.81      | 0.00    |
| p10.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 8.08       | 0.00    |
| p11.pddl               | 0.00    | 0.02   | <b>0.00</b> | None | 11.39      | 0.00    |
| p12.pddl               | 0.00    | 0.06   | <b>0.00</b> | None | 14.72      | 0.00    |
| p13.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 7.34       | 0.00    |
| p14.pddl               | 0.00    | 0.02   | <b>0.00</b> | None | 10.12      | 0.00    |
| p15.pddl               | 0.00    | 0.07   | <b>0.00</b> | None | 13.27      | 0.00    |
| p16.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 7.82       | 0.00    |
| p17.pddl               | 0.00    | 0.03   | <b>0.00</b> | None | 11.59      | 0.00    |
| p18.pddl               | 0.00    | 0.10   | <b>0.00</b> | None | 16.47      | 0.00    |
| p19.pddl               | 0.00    | 0.02   | <b>0.00</b> | None | 12.14      | 0.00    |
| p20.pddl               | 0.00    | 0.12   | <b>0.00</b> | None | None       | 0.00    |
| p21.pddl               | 0.00    | 0.18   | <b>0.00</b> | None | None       | 0.00    |
| p22.pddl               | 0.01    | 1.00   | <b>0.00</b> | None | 43.73      | 0.00    |

## driverlog

| Sg initialization time | default | marked | naive       | psvn | psvn_split | watched |
|------------------------|---------|--------|-------------|------|------------|---------|
| p01.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.04 | 0.05       | 0.00    |
| p02.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.25 | 0.34       | 0.00    |
| p03.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.24 | 0.34       | 0.00    |
| p04.pddl               | 0.00    | 0.00   | <b>0.00</b> | 8.23 | 1.55       | 0.00    |
| p05.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 1.78       | 0.00    |
| p06.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.92       | 0.00    |
| p07.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.46       | 0.00    |
| p08.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.36       | 0.00    |
| p09.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 1.88       | 0.00    |
| p10.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.33       | 0.00    |
| p11.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.56       | 0.00    |
| p12.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 1.83       | 0.00    |
| p13.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.38       | 0.00    |
| p14.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 5.67       | 0.00    |
| p15.pddl               | 0.00    | 0.02   | <b>0.00</b> | None | 3.40       | 0.00    |
| p16.pddl               | 0.00    | 0.05   | <b>0.00</b> | None | 4.67       | 0.00    |
| p17.pddl               | 0.00    | 0.08   | <b>0.00</b> | None | 6.75       | 0.00    |
| p18.pddl               | 0.00    | 0.13   | <b>0.00</b> | None | 6.84       | 0.00    |
| p19.pddl               | 0.01    | 0.20   | <b>0.00</b> | None | 9.06       | 0.00    |
| p20.pddl               | 0.01    | 0.37   | <b>0.00</b> | None | None       | 0.00    |

## elevators-opt08-strips

| Sg initialization time | default | marked | naive       | psvn | psvn_split | watched |
|------------------------|---------|--------|-------------|------|------------|---------|
| p01.pddl               | 0.00    | 0.00   | <b>0.00</b> | 3.59 | 1.28       | 0.00    |
| p02.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 1.94       | 0.00    |
| p03.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 1.32       | 0.00    |
| p04.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 1.56       | 0.00    |
| p05.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 1.51       | 0.00    |
| p06.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.23       | 0.00    |
| p07.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 1.48       | 0.00    |
| p08.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 3.24       | 0.00    |
| p09.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 1.79       | 0.00    |
| p10.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.75       | 0.00    |
| p11.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 1.24       | 0.00    |
| p12.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 1.57       | 0.00    |
| p13.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 1.53       | 0.00    |
| p14.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 1.57       | 0.00    |
| p15.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 1.66       | 0.00    |
| p16.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.14       | 0.00    |
| p17.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 1.86       | 0.00    |
| p18.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 1.93       | 0.00    |
| p19.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 1.78       | 0.00    |
| p20.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.05       | 0.00    |
| p21.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 1.21       | 0.00    |
| p22.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.13       | 0.00    |
| p23.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 1.85       | 0.00    |
| p24.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 1.94       | 0.00    |
| p25.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.04       | 0.00    |
| p26.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 1.82       | 0.00    |
| p27.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.88       | 0.00    |
| p28.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.18       | 0.00    |
| p29.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 1.52       | 0.00    |
| p30.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 3.58       | 0.00    |

## elevators-opt11-strips

| Sg initialization time | default | marked | naive       | psvn | psvn_split | watched |
|------------------------|---------|--------|-------------|------|------------|---------|
| p01.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 1.21       | 0.00    |
| p02.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 1.24       | 0.00    |
| p03.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 1.59       | 0.00    |
| p04.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 1.29       | 0.00    |
| p05.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 1.47       | 0.00    |
| p06.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 1.52       | 0.00    |
| p07.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 1.89       | 0.00    |
| p08.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 1.50       | 0.00    |
| p09.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.08       | 0.00    |
| p10.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 1.57       | 0.00    |
| p11.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.22       | 0.00    |
| p12.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.14       | 0.00    |
| p13.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 1.55       | 0.00    |
| p14.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 3.22       | 0.00    |
| p15.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 1.84       | 0.00    |
| p16.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 1.54       | 0.00    |
| p17.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 1.73       | 0.00    |
| p18.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 1.95       | 0.00    |
| p19.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 1.85       | 0.00    |
| p20.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.01       | 0.00    |



## floortile-opt11-strips

| Sg initialization time | default | marked | naive       | psvn | psvn_split | watched |
|------------------------|---------|--------|-------------|------|------------|---------|
| opt-p01-001.pddl       | 0.00    | 0.00   | <b>0.00</b> | 3.46 | 1.85       | 0.00    |
| opt-p01-002.pddl       | 0.00    | 0.00   | <b>0.00</b> | 3.49 | 1.84       | 0.00    |
| opt-p02-003.pddl       | 0.00    | 0.00   | <b>0.00</b> | 7.99 | 2.23       | 0.00    |
| opt-p02-004.pddl       | 0.00    | 0.00   | <b>0.00</b> | 7.30 | 2.28       | 0.00    |
| opt-p03-005.pddl       | 0.00    | 0.00   | <b>0.00</b> | None | 2.95       | 0.00    |
| opt-p03-006.pddl       | 0.00    | 0.00   | <b>0.00</b> | None | 2.81       | 0.00    |
| opt-p04-007.pddl       | 0.00    | 0.00   | <b>0.00</b> | None | 2.59       | 0.00    |
| opt-p04-008.pddl       | 0.00    | 0.00   | <b>0.00</b> | None | 2.56       | 0.00    |
| opt-p05-009.pddl       | 0.00    | 0.00   | <b>0.00</b> | None | 3.10       | 0.00    |
| opt-p05-010.pddl       | 0.00    | 0.00   | <b>0.00</b> | None | 3.06       | 0.00    |
| opt-p06-011.pddl       | 0.00    | 0.00   | <b>0.00</b> | None | 3.55       | 0.00    |
| opt-p06-012.pddl       | 0.00    | 0.00   | <b>0.00</b> | None | 3.41       | 0.00    |
| opt-p07-013.pddl       | 0.00    | 0.00   | <b>0.00</b> | None | 3.28       | 0.00    |
| opt-p07-014.pddl       | 0.00    | 0.00   | <b>0.00</b> | None | 3.30       | 0.00    |
| opt-p08-015.pddl       | 0.00    | 0.00   | <b>0.00</b> | None | 4.71       | 0.00    |
| opt-p08-016.pddl       | 0.00    | 0.00   | <b>0.00</b> | None | 4.81       | 0.00    |
| opt-p09-017.pddl       | 0.00    | 0.01   | <b>0.00</b> | None | 5.19       | 0.00    |
| opt-p09-018.pddl       | 0.00    | 0.01   | <b>0.00</b> | None | 5.17       | 0.00    |
| opt-p10-019.pddl       | 0.00    | 0.01   | <b>0.00</b> | None | 4.54       | 0.00    |
| opt-p10-020.pddl       | 0.00    | 0.01   | <b>0.00</b> | None | 4.66       | 0.00    |

## floortile-opt14-strips

| Sg initialization time | default | marked | naive       | psvn | psvn_split | watched |
|------------------------|---------|--------|-------------|------|------------|---------|
| p01-4-3-2.pddl         | 0.00    | 0.00   | <b>0.00</b> | 6.96 | 2.26       | 0.00    |
| p01-4-4-2.pddl         | 0.00    | 0.00   | <b>0.00</b> | None | 2.57       | 0.00    |
| p01-5-3-2.pddl         | 0.00    | 0.00   | <b>0.00</b> | None | 2.78       | 0.00    |
| p01-5-4-2.pddl         | 0.00    | 0.00   | <b>0.00</b> | None | 3.05       | 0.00    |
| p01-5-5-2.pddl         | 0.00    | 0.00   | <b>0.00</b> | None | 3.18       | 0.00    |
| p01-6-4-2.pddl         | 0.00    | 0.00   | <b>0.00</b> | None | 3.46       | 0.00    |
| p01-6-5-2.pddl         | 0.00    | 0.00   | <b>0.00</b> | None | 3.14       | 0.00    |
| p02-4-4-2.pddl         | 0.00    | 0.00   | <b>0.00</b> | None | 2.47       | 0.00    |
| p02-5-3-2.pddl         | 0.00    | 0.00   | <b>0.00</b> | None | 2.72       | 0.00    |
| p02-5-4-2.pddl         | 0.00    | 0.00   | <b>0.00</b> | None | 3.09       | 0.00    |
| p02-5-5-2.pddl         | 0.00    | 0.00   | <b>0.00</b> | None | 3.22       | 0.00    |
| p02-6-4-2.pddl         | 0.00    | 0.00   | <b>0.00</b> | None | 3.57       | 0.00    |
| p02-6-5-2.pddl         | 0.00    | 0.00   | <b>0.00</b> | None | 3.14       | 0.00    |
| p03-4-3-2.pddl         | 0.00    | 0.00   | <b>0.00</b> | 7.94 | 2.28       | 0.00    |
| p03-4-4-2.pddl         | 0.00    | 0.00   | <b>0.00</b> | None | 2.60       | 0.00    |
| p03-5-3-2.pddl         | 0.00    | 0.00   | <b>0.00</b> | None | 2.76       | 0.00    |
| p03-5-4-2.pddl         | 0.00    | 0.00   | <b>0.00</b> | None | 3.06       | 0.00    |
| p03-5-5-2.pddl         | 0.00    | 0.00   | <b>0.00</b> | None | 3.15       | 0.00    |
| p03-6-4-2.pddl         | 0.00    | 0.00   | <b>0.00</b> | None | 3.28       | 0.00    |
| p03-6-5-2.pddl         | 0.00    | 0.00   | <b>0.00</b> | None | 3.06       | 0.00    |

# freecell

| Sg initialization time | default | marked | naive       | psvn | psvn_split | watched |
|------------------------|---------|--------|-------------|------|------------|---------|
| p01.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 3.75       | 0.00    |
| p02.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 4.65       | 0.00    |
| p03.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 6.32       | 0.00    |
| p04.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 6.43       | 0.00    |
| p05.pddl               | 0.00    | 0.02   | <b>0.00</b> | None | 9.87       | 0.00    |
| p06.pddl               | 0.00    | 0.03   | <b>0.00</b> | None | 8.12       | 0.00    |
| p07.pddl               | 0.00    | 0.03   | <b>0.00</b> | None | 9.09       | 0.00    |
| p08.pddl               | 0.00    | 0.06   | <b>0.00</b> | None | 10.08      | 0.00    |
| p09.pddl               | 0.00    | 0.05   | <b>0.00</b> | None | 11.95      | 0.00    |
| p10.pddl               | 0.01    | 0.09   | <b>0.00</b> | None | 15.15      | 0.00    |
| p11.pddl               | 0.00    | 0.08   | <b>0.00</b> | None | 15.78      | 0.00    |
| p12.pddl               | 0.01    | 0.08   | <b>0.00</b> | None | 13.62      | 0.00    |
| p13.pddl               | 0.01    | 0.12   | <b>0.00</b> | None | 12.30      | 0.00    |
| p14.pddl               | 0.01    | 0.13   | <b>0.00</b> | None | 13.26      | 0.00    |
| p15.pddl               | 0.01    | 0.18   | <b>0.00</b> | None | 14.67      | 0.00    |
| p16.pddl               | 0.01    | 0.18   | <b>0.00</b> | None | 13.72      | 0.00    |
| p17.pddl               | 0.01    | 0.25   | <b>0.00</b> | None | 14.62      | 0.00    |
| p18.pddl               | 0.01    | 0.25   | <b>0.00</b> | None | 16.41      | 0.00    |
| p19.pddl               | 0.01    | 0.35   | <b>0.00</b> | None | None       | 0.00    |
| p20.pddl               | 0.01    | 0.34   | <b>0.00</b> | None | None       | 0.00    |
| probfreecell-2-1.pddl  | 0.00    | 0.01   | <b>0.00</b> | None | 4.24       | 0.00    |
| probfreecell-2-2.pddl  | 0.00    | 0.01   | <b>0.00</b> | None | 5.82       | 0.00    |
| probfreecell-2-3.pddl  | 0.00    | 0.01   | <b>0.00</b> | None | 5.03       | 0.00    |
| probfreecell-2-4.pddl  | 0.00    | 0.01   | <b>0.00</b> | None | 5.31       | 0.00    |
| probfreecell-2-5.pddl  | 0.00    | 0.01   | <b>0.00</b> | None | 5.46       | 0.00    |
| probfreecell-3-1.pddl  | 0.00    | 0.02   | <b>0.00</b> | None | 6.87       | 0.00    |
| probfreecell-3-2.pddl  | 0.00    | 0.02   | <b>0.00</b> | None | 7.02       | 0.00    |
| probfreecell-3-3.pddl  | 0.00    | 0.02   | <b>0.00</b> | None | 8.10       | 0.00    |
| probfreecell-3-4.pddl  | 0.00    | 0.02   | <b>0.00</b> | None | 8.18       | 0.00    |
| probfreecell-3-5.pddl  | 0.00    | 0.02   | <b>0.00</b> | None | 7.02       | 0.00    |
| probfreecell-4-1.pddl  | 0.00    | 0.03   | <b>0.00</b> | None | 8.44       | 0.00    |
| probfreecell-4-2.pddl  | 0.00    | 0.03   | <b>0.00</b> | None | 8.02       | 0.00    |
| probfreecell-4-3.pddl  | 0.00    | 0.03   | <b>0.00</b> | None | 10.18      | 0.00    |
| probfreecell-4-4.pddl  | 0.00    | 0.03   | <b>0.00</b> | None | 9.88       | 0.00    |
| probfreecell-4-5.pddl  | 0.00    | 0.03   | <b>0.00</b> | None | 8.12       | 0.00    |
| probfreecell-5-1.pddl  | 0.01    | 0.05   | <b>0.00</b> | None | 7.63       | 0.00    |
| probfreecell-5-2.pddl  | 0.00    | 0.05   | <b>0.00</b> | None | 10.00      | 0.00    |
| probfreecell-5-3.pddl  | 0.01    | 0.05   | <b>0.00</b> | None | 10.75      | 0.00    |
| probfreecell-5-4.pddl  | 0.00    | 0.05   | <b>0.00</b> | None | 9.36       | 0.00    |
| probfreecell-5-5.pddl  | 0.01    | 0.05   | <b>0.00</b> | None | 8.45       | 0.00    |
| probfreecell-6-1.pddl  | 0.01    | 0.07   | <b>0.00</b> | None | 9.63       | 0.00    |
| probfreecell-6-2.pddl  | 0.01    | 0.07   | <b>0.00</b> | None | 11.33      | 0.00    |
| probfreecell-6-3.pddl  | 0.01    | 0.07   | <b>0.00</b> | None | 9.84       | 0.00    |
| probfreecell-6-4.pddl  | 0.01    | 0.07   | <b>0.00</b> | None | 11.00      | 0.00    |

## ged-opt14-strips

| Sg initialization time | default | marked | naive       | psvn | psvn_split | watched |
|------------------------|---------|--------|-------------|------|------------|---------|
| d-1-2.pddl             | 0.00    | 0.00   | <b>0.00</b> | 0.69 | 1.01       | 0.00    |
| d-1-3.pddl             | 0.00    | 0.00   | <b>0.00</b> | None | 5.04       | 0.00    |
| d-1-4.pddl             | 0.00    | 0.00   | <b>0.00</b> | 0.62 | 1.03       | 0.00    |
| d-1-8.pddl             | 0.00    | 0.00   | <b>0.00</b> | None | 2.47       | 0.00    |
| d-2-1.pddl             | 0.00    | 0.00   | <b>0.00</b> | 0.63 | 0.97       | 0.00    |
| d-2-3.pddl             | 0.00    | 0.00   | <b>0.00</b> | None | 2.19       | 0.00    |
| d-2-4.pddl             | 0.00    | 0.00   | <b>0.00</b> | None | 3.20       | 0.00    |
| d-2-8.pddl             | 0.00    | 0.01   | <b>0.00</b> | None | 3.68       | 0.00    |
| d-3-1.pddl             | 0.00    | 0.00   | <b>0.00</b> | None | 5.13       | 0.00    |
| d-3-2.pddl             | 0.00    | 0.00   | <b>0.00</b> | None | 2.26       | 0.00    |
| d-3-4.pddl             | 0.00    | 0.00   | <b>0.00</b> | None | 2.43       | 0.00    |
| d-4-2.pddl             | 0.00    | 0.00   | <b>0.00</b> | None | 3.08       | 0.00    |
| d-4-3.pddl             | 0.00    | 0.00   | <b>0.00</b> | None | 2.63       | 0.00    |
| d-4-8.pddl             | 0.00    | 0.01   | <b>0.00</b> | None | 3.94       | 0.00    |
| d-7-5.pddl             | 0.00    | 0.00   | <b>0.00</b> | None | 2.56       | 0.00    |
| d-7-6.pddl             | 0.00    | 0.00   | <b>0.00</b> | None | 5.09       | 0.00    |
| d-8-1.pddl             | 0.00    | 0.00   | <b>0.00</b> | None | 2.55       | 0.00    |
| d-8-2.pddl             | 0.00    | 0.01   | <b>0.00</b> | None | 3.80       | 0.00    |
| d-8-4.pddl             | 0.00    | 0.01   | <b>0.00</b> | None | 3.75       | 0.00    |
| d-8-9.pddl             | 0.00    | 0.01   | <b>0.00</b> | None | 3.70       | 0.00    |

## grid

| Sg initialization time | default | marked | naive       | psvn | psvn_split | watched |
|------------------------|---------|--------|-------------|------|------------|---------|
| prob01.pddl            | 0.00    | 0.02   | <b>0.00</b> | None | 6.46       | 0.00    |
| prob02.pddl            | 0.00    | 0.04   | <b>0.00</b> | None | 7.65       | 0.00    |
| prob03.pddl            | 0.00    | 0.11   | <b>0.00</b> | None | None       | 0.00    |
| prob04.pddl            | 0.01    | 0.23   | <b>0.00</b> | None | None       | 0.00    |
| prob05.pddl            | 0.01    | 0.43   | <b>0.00</b> | None | 16.46      | 0.00    |

## gripper

| Sg initialization time | default | marked | naive       | psvn | psvn_split | watched |
|------------------------|---------|--------|-------------|------|------------|---------|
| prob01.pddl            | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| prob02.pddl            | 0.00    | 0.00   | <b>0.00</b> | 0.02 | 0.03       | 0.00    |
| prob03.pddl            | 0.00    | 0.00   | <b>0.00</b> | 0.24 | 0.37       | 0.00    |
| prob04.pddl            | 0.00    | 0.00   | <b>0.00</b> | 2.50 | 0.84       | 0.00    |
| prob05.pddl            | 0.00    | 0.00   | <b>0.00</b> | None | 0.94       | 0.00    |
| prob06.pddl            | 0.00    | 0.00   | <b>0.00</b> | None | 1.35       | 0.00    |
| prob07.pddl            | 0.00    | 0.00   | <b>0.00</b> | None | 1.38       | 0.00    |
| prob08.pddl            | 0.00    | 0.00   | <b>0.00</b> | None | 1.43       | 0.00    |
| prob09.pddl            | 0.00    | 0.00   | <b>0.00</b> | None | 1.48       | 0.00    |
| prob10.pddl            | 0.00    | 0.00   | <b>0.00</b> | None | 1.60       | 0.00    |
| prob11.pddl            | 0.00    | 0.00   | <b>0.00</b> | None | 2.13       | 0.00    |
| prob12.pddl            | 0.00    | 0.00   | <b>0.00</b> | None | 2.38       | 0.00    |
| prob13.pddl            | 0.00    | 0.00   | <b>0.00</b> | None | 2.30       | 0.00    |
| prob14.pddl            | 0.00    | 0.00   | <b>0.00</b> | None | 2.38       | 0.00    |
| prob15.pddl            | 0.00    | 0.00   | <b>0.00</b> | None | 2.14       | 0.00    |
| prob16.pddl            | 0.00    | 0.00   | <b>0.00</b> | None | 2.26       | 0.00    |
| prob17.pddl            | 0.00    | 0.00   | <b>0.00</b> | None | 2.37       | 0.00    |
| prob18.pddl            | 0.00    | 0.00   | <b>0.00</b> | None | 2.52       | 0.00    |
| prob19.pddl            | 0.00    | 0.00   | <b>0.00</b> | None | 2.94       | 0.00    |
| prob20.pddl            | 0.00    | 0.00   | <b>0.00</b> | None | 3.08       | 0.00    |

## hiking-opt14-strips

| Sg initialization time | default | marked | naive       | psvn  | psvn_split | watched |
|------------------------|---------|--------|-------------|-------|------------|---------|
| ptestng-1-2-3.pddl     | 0.00    | 0.00   | <b>0.00</b> | 0.01  | 0.01       | 0.00    |
| ptestng-1-2-4.pddl     | 0.00    | 0.00   | <b>0.00</b> | 0.02  | 0.03       | 0.00    |
| ptestng-1-2-5.pddl     | 0.00    | 0.00   | <b>0.00</b> | 0.07  | 0.10       | 0.00    |
| ptestng-1-2-7.pddl     | 0.00    | 0.00   | <b>0.00</b> | 0.50  | 0.67       | 0.00    |
| ptestng-1-2-8.pddl     | 0.00    | 0.00   | <b>0.00</b> | 1.01  | 1.10       | 0.00    |
| ptestng-2-2-3.pddl     | 0.00    | 0.00   | <b>0.00</b> | 1.87  | 2.62       | 0.00    |
| ptestng-2-2-4.pddl     | 0.00    | 0.00   | <b>0.00</b> | None  | 7.03       | 0.00    |
| ptestng-2-2-5.pddl     | 0.00    | 0.00   | <b>0.00</b> | None  | 10.59      | 0.00    |
| ptestng-2-2-6.pddl     | 0.00    | 0.01   | <b>0.00</b> | None  | 16.19      | 0.00    |
| ptestng-2-2-7.pddl     | 0.00    | 0.01   | <b>0.00</b> | None  | None       | 0.00    |
| ptestng-2-2-8.pddl     | 0.00    | 0.01   | <b>0.00</b> | None  | None       | 0.00    |
| ptestng-2-3-4.pddl     | 0.00    | 0.00   | <b>0.00</b> | None  | 11.21      | 0.00    |
| ptestng-2-3-5.pddl     | 0.00    | 0.01   | <b>0.00</b> | None  | 20.48      | 0.00    |
| ptestng-2-3-6.pddl     | 0.00    | 0.01   | <b>0.00</b> | None  | None       | 0.00    |
| ptestng-2-3-7.pddl     | 0.00    | 0.02   | <b>0.00</b> | None  | None       | 0.00    |
| ptestng-2-4-3.pddl     | 0.00    | 0.00   | <b>0.00</b> | 15.16 | 8.93       | 0.00    |
| ptestng-2-4-4.pddl     | 0.00    | 0.00   | <b>0.00</b> | None  | 16.68      | 0.00    |
| ptestng-2-4-5.pddl     | 0.00    | 0.01   | <b>0.00</b> | None  | None       | 0.00    |
| ptestng-2-4-6.pddl     | 0.00    | 0.01   | <b>0.00</b> | None  | None       | 0.00    |
| ptestng-2-4-7.pddl     | 0.00    | 0.02   | <b>0.00</b> | None  | None       | 0.00    |

## logistics00

| Sg initialization time  | default | marked | naive       | psvn | psvn_split | watched |
|-------------------------|---------|--------|-------------|------|------------|---------|
| probLOGISTICS-4-0.pddl  | 0.00    | 0.00   | <b>0.00</b> | 0.06 | 0.09       | 0.00    |
| probLOGISTICS-4-1.pddl  | 0.00    | 0.00   | <b>0.00</b> | 0.06 | 0.09       | 0.00    |
| probLOGISTICS-4-2.pddl  | 0.00    | 0.00   | <b>0.00</b> | 0.06 | 0.09       | 0.00    |
| probLOGISTICS-5-0.pddl  | 0.00    | 0.00   | <b>0.00</b> | 0.43 | 0.61       | 0.00    |
| probLOGISTICS-5-1.pddl  | 0.00    | 0.00   | <b>0.00</b> | 0.43 | 0.61       | 0.00    |
| probLOGISTICS-5-2.pddl  | 0.00    | 0.00   | <b>0.00</b> | 0.45 | 0.61       | 0.00    |
| probLOGISTICS-6-0.pddl  | 0.00    | 0.00   | <b>0.00</b> | 3.06 | 2.42       | 0.00    |
| probLOGISTICS-6-1.pddl  | 0.00    | 0.00   | <b>0.00</b> | 3.07 | 2.40       | 0.00    |
| probLOGISTICS-6-2.pddl  | 0.00    | 0.00   | <b>0.00</b> | 3.07 | 2.41       | 0.00    |
| probLOGISTICS-6-9.pddl  | 0.00    | 0.00   | <b>0.00</b> | 3.13 | 2.44       | 0.00    |
| probLOGISTICS-7-0.pddl  | 0.00    | 0.00   | <b>0.00</b> | None | 2.98       | 0.00    |
| probLOGISTICS-7-1.pddl  | 0.00    | 0.00   | <b>0.00</b> | None | 2.98       | 0.00    |
| probLOGISTICS-8-0.pddl  | 0.00    | 0.00   | <b>0.00</b> | None | 3.02       | 0.00    |
| probLOGISTICS-8-1.pddl  | 0.00    | 0.00   | <b>0.00</b> | None | 2.94       | 0.00    |
| probLOGISTICS-9-0.pddl  | 0.00    | 0.00   | <b>0.00</b> | None | 3.27       | 0.00    |
| probLOGISTICS-9-1.pddl  | 0.00    | 0.00   | <b>0.00</b> | None | 3.23       | 0.00    |
| probLOGISTICS-10-0.pddl | 0.00    | 0.00   | <b>0.00</b> | None | 3.67       | 0.00    |
| probLOGISTICS-10-1.pddl | 0.00    | 0.00   | <b>0.00</b> | None | 3.87       | 0.00    |
| probLOGISTICS-11-0.pddl | 0.00    | 0.00   | <b>0.00</b> | None | 3.72       | 0.00    |
| probLOGISTICS-11-1.pddl | 0.00    | 0.00   | <b>0.00</b> | None | 3.69       | 0.00    |
| probLOGISTICS-12-0.pddl | 0.00    | 0.00   | <b>0.00</b> | None | 3.73       | 0.00    |
| probLOGISTICS-12-1.pddl | 0.00    | 0.00   | <b>0.00</b> | None | 3.72       | 0.00    |
| probLOGISTICS-13-0.pddl | 0.00    | 0.00   | <b>0.00</b> | None | 3.86       | 0.00    |
| probLOGISTICS-13-1.pddl | 0.00    | 0.00   | <b>0.00</b> | None | 3.72       | 0.00    |
| probLOGISTICS-14-0.pddl | 0.00    | 0.00   | <b>0.00</b> | None | 3.83       | 0.00    |
| probLOGISTICS-14-1.pddl | 0.00    | 0.00   | <b>0.00</b> | None | 3.92       | 0.00    |
| probLOGISTICS-15-0.pddl | 0.00    | 0.00   | <b>0.00</b> | None | 3.95       | 0.00    |
| probLOGISTICS-15-1.pddl | 0.00    | 0.00   | <b>0.00</b> | None | 4.10       | 0.00    |

## logistics98

| Sg initialization time | default | marked | naive       | psvn  | psvn_split | watched |
|------------------------|---------|--------|-------------|-------|------------|---------|
| prob01.pddl            | 0.00    | 0.00   | <b>0.00</b> | None  | 2.72       | 0.00    |
| prob02.pddl            | 0.00    | 0.00   | <b>0.00</b> | None  | 4.24       | 0.00    |
| prob03.pddl            | 0.00    | 0.02   | <b>0.00</b> | None  | 7.26       | 0.00    |
| prob04.pddl            | 0.00    | 0.04   | <b>0.00</b> | None  | 11.31      | 0.00    |
| prob05.pddl            | 0.00    | 0.00   | <b>0.00</b> | None  | 2.68       | 0.00    |
| prob06.pddl            | 0.00    | 0.07   | <b>0.00</b> | None  | 11.18      | 0.00    |
| prob07.pddl            | 0.00    | 0.01   | <b>0.00</b> | None  | 4.85       | 0.00    |
| prob08.pddl            | 0.00    | 0.05   | <b>0.00</b> | None  | 10.39      | 0.00    |
| prob09.pddl            | 0.00    | 0.15   | <b>0.00</b> | None  | 17.39      | 0.00    |
| prob10.pddl            | 0.00    | 0.15   | <b>0.00</b> | None  | 11.99      | 0.00    |
| prob11.pddl            | 0.00    | 0.01   | <b>0.00</b> | None  | 7.29       | 0.00    |
| prob12.pddl            | 0.01    | 0.23   | <b>0.00</b> | None  | 18.06      | 0.00    |
| prob13.pddl            | 0.01    | 0.36   | <b>0.00</b> | None  | 18.71      | 0.00    |
| prob14.pddl            | 0.01    | 0.22   | <b>0.00</b> | None  | 14.71      | 0.00    |
| prob15.pddl            | 0.00    | 0.01   | <b>0.00</b> | None  | 9.99       | 0.00    |
| prob16.pddl            | 0.00    | 0.10   | <b>0.00</b> | None  | 12.78      | 0.00    |
| prob17.pddl            | 0.00    | 0.03   | <b>0.00</b> | None  | 8.87       | 0.00    |
| prob18.pddl            | 0.01    | 1.21   | <b>0.00</b> | None  | None       | 0.00    |
| prob19.pddl            | 0.01    | 0.61   | <b>0.00</b> | None  | 31.14      | 0.00    |
| prob20.pddl            | 0.01    | 1.37   | <b>0.00</b> | None  | None       | 0.00    |
| prob21.pddl            | 0.01    | 0.74   | <b>0.00</b> | None  | 36.72      | 0.00    |
| prob22.pddl            | 0.03    | 6.36   | <b>0.00</b> | None  | None       | 0.00    |
| prob23.pddl            | 0.00    | 0.08   | <b>0.00</b> | None  | None       | 0.00    |
| prob24.pddl            | 0.01    | 0.28   | <b>0.00</b> | None  | 28.84      | 0.00    |
| prob25.pddl            | 0.02    | 7.05   | <b>0.00</b> | None  | None       | 0.00    |
| prob26.pddl            | 0.01    | 2.73   | <b>0.00</b> | None  | None       | 0.00    |
| prob27.pddl            | 0.01    | 1.95   | <b>0.00</b> | None  | None       | 0.00    |
| prob28.pddl            | 0.07    | 76.51  | <b>0.00</b> | None  | None       | 0.01    |
| prob29.pddl            | 0.03    | 5.96   | <b>0.00</b> | None  | None       | 0.00    |
| prob30.pddl            | 0.03    | 5.44   | <b>0.00</b> | None  | None       | 0.00    |
| prob31.pddl            | 0.00    | 0.00   | <b>0.00</b> | 10.27 | 1.79       | 0.00    |
| prob32.pddl            | 0.00    | 0.00   | <b>0.00</b> | 1.13  | 2.18       | 0.00    |
| prob33.pddl            | 0.00    | 0.00   | <b>0.00</b> | None  | 3.49       | 0.00    |
| prob34.pddl            | 0.00    | 0.00   | <b>0.00</b> | None  | 4.93       | 0.00    |
| prob35.pddl            | 0.00    | 0.00   | <b>0.00</b> | None  | 5.06       | 0.00    |



# micronic

| Sg initialization time | default | marked | naive       | psvn | psvn_split | watched |
|------------------------|---------|--------|-------------|------|------------|---------|
| s1-0.pddl              | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| s1-1.pddl              | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| s1-2.pddl              | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| s1-3.pddl              | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| s1-4.pddl              | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| s2-0.pddl              | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| s2-1.pddl              | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| s2-2.pddl              | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| s2-3.pddl              | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| s2-4.pddl              | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| s3-0.pddl              | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| s3-1.pddl              | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| s3-2.pddl              | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| s3-3.pddl              | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| s3-4.pddl              | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| s4-0.pddl              | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| s4-1.pddl              | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| s4-2.pddl              | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| s4-3.pddl              | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| s4-4.pddl              | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| s5-0.pddl              | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| s5-1.pddl              | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| s5-2.pddl              | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| s5-3.pddl              | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| s5-4.pddl              | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| s6-0.pddl              | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| s6-1.pddl              | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| s6-2.pddl              | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| s6-3.pddl              | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| s6-4.pddl              | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| s7-0.pddl              | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| s7-1.pddl              | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| s7-2.pddl              | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| s7-3.pddl              | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| s7-4.pddl              | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| s8-0.pddl              | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| s8-1.pddl              | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| s8-2.pddl              | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| s8-3.pddl              | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| s8-4.pddl              | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| s9-0.pddl              | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| s9-1.pddl              | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| s9-2.pddl              | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| s9-3.pddl              | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |

## movie

| Sg initialization time | default | marked | naive       | psvn | psvn_split | watched |
|------------------------|---------|--------|-------------|------|------------|---------|
| prob01.pddl            | 0.00    | 0.00   | <b>0.00</b> | None | None       | None    |
| prob02.pddl            | 0.00    | 0.00   | <b>0.00</b> | None | None       | None    |
| prob03.pddl            | 0.00    | 0.00   | <b>0.00</b> | None | None       | None    |
| prob04.pddl            | 0.00    | 0.00   | <b>0.00</b> | None | None       | None    |
| prob05.pddl            | 0.00    | 0.00   | <b>0.00</b> | None | None       | None    |
| prob06.pddl            | 0.00    | 0.00   | <b>0.00</b> | None | None       | None    |
| prob07.pddl            | 0.00    | 0.00   | <b>0.00</b> | None | None       | None    |
| prob08.pddl            | 0.00    | 0.00   | <b>0.00</b> | None | None       | None    |
| prob09.pddl            | 0.00    | 0.00   | <b>0.00</b> | None | None       | None    |
| prob10.pddl            | 0.00    | 0.00   | <b>0.00</b> | None | None       | None    |
| prob11.pddl            | 0.00    | 0.00   | <b>0.00</b> | None | None       | None    |
| prob12.pddl            | 0.00    | 0.00   | <b>0.00</b> | None | None       | None    |
| prob13.pddl            | 0.00    | 0.00   | <b>0.00</b> | None | None       | None    |
| prob14.pddl            | 0.00    | 0.00   | <b>0.00</b> | None | None       | None    |
| prob15.pddl            | 0.00    | 0.00   | <b>0.00</b> | None | None       | None    |
| prob16.pddl            | 0.00    | 0.00   | <b>0.00</b> | None | None       | None    |
| prob17.pddl            | 0.00    | 0.00   | <b>0.00</b> | None | None       | None    |
| prob18.pddl            | 0.00    | 0.00   | <b>0.00</b> | None | None       | None    |
| prob19.pddl            | 0.00    | 0.00   | <b>0.00</b> | None | None       | None    |
| prob20.pddl            | 0.00    | 0.00   | <b>0.00</b> | None | None       | None    |
| prob21.pddl            | 0.00    | 0.00   | <b>0.00</b> | None | None       | None    |
| prob22.pddl            | 0.00    | 0.00   | <b>0.00</b> | None | None       | None    |
| prob23.pddl            | 0.00    | 0.00   | <b>0.00</b> | None | None       | None    |
| prob24.pddl            | 0.00    | 0.00   | <b>0.00</b> | None | None       | None    |
| prob25.pddl            | 0.00    | 0.00   | <b>0.00</b> | None | None       | None    |
| prob26.pddl            | 0.00    | 0.00   | <b>0.00</b> | None | None       | None    |
| prob27.pddl            | 0.00    | 0.00   | <b>0.00</b> | None | None       | None    |
| prob28.pddl            | 0.00    | 0.00   | <b>0.00</b> | None | None       | None    |
| prob29.pddl            | 0.00    | 0.00   | <b>0.00</b> | None | None       | None    |
| prob30.pddl            | 0.00    | 0.00   | <b>0.00</b> | None | None       | None    |

# mprime

| Sg initialization time | default | marked | naive       | psvn | psvn_split | watched |
|------------------------|---------|--------|-------------|------|------------|---------|
| prob01.pddl            | 0.00    | 0.00   | <b>0.00</b> | None | 5.30       | 0.00    |
| prob02.pddl            | 0.00    | 0.03   | <b>0.00</b> | None | 15.87      | 0.00    |
| prob03.pddl            | 0.00    | 0.02   | <b>0.00</b> | None | 12.51      | 0.00    |
| prob04.pddl            | 0.00    | 0.00   | <b>0.00</b> | None | 10.73      | 0.00    |
| prob05.pddl            | 0.00    | 0.02   | <b>0.00</b> | None | 14.23      | 0.00    |
| prob06.pddl            | 0.01    | 0.35   | <b>0.00</b> | None | 35.71      | 0.00    |
| prob07.pddl            | 0.00    | 0.01   | <b>0.00</b> | None | 10.98      | 0.00    |
| prob08.pddl            | 0.01    | 0.09   | <b>0.00</b> | None | 11.46      | 0.00    |
| prob09.pddl            | 0.00    | 0.02   | <b>0.00</b> | None | 15.12      | 0.00    |
| prob10.pddl            | 0.03    | 1.90   | <b>0.00</b> | None | None       | 0.00    |
| prob11.pddl            | 0.00    | 0.00   | <b>0.00</b> | None | 8.70       | 0.00    |
| prob12.pddl            | 0.00    | 0.01   | <b>0.00</b> | None | 11.63      | 0.00    |
| prob13.pddl            | 0.03    | 1.97   | <b>0.00</b> | None | None       | 0.00    |
| prob14.pddl            | 0.04    | 3.27   | <b>0.00</b> | None | None       | 0.00    |
| prob15.pddl            | 0.03    | 0.95   | <b>0.00</b> | None | 42.18      | 0.00    |
| prob16.pddl            | 0.00    | 0.05   | <b>0.00</b> | None | 19.10      | 0.00    |
| prob17.pddl            | 0.01    | 0.41   | <b>0.00</b> | None | 44.66      | 0.00    |
| prob18.pddl            | 0.02    | 0.41   | <b>0.00</b> | None | 39.47      | 0.00    |
| prob19.pddl            | 0.01    | 0.19   | <b>0.00</b> | None | 22.47      | 0.00    |
| prob20.pddl            | 0.02    | 0.65   | <b>0.00</b> | None | 42.10      | 0.00    |
| prob21.pddl            | 0.01    | 0.27   | <b>0.00</b> | None | 17.18      | 0.00    |
| prob22.pddl            | 0.03    | 1.72   | <b>0.00</b> | None | None       | 0.00    |
| prob23.pddl            | 0.01    | 0.33   | <b>0.00</b> | None | 30.39      | 0.00    |
| prob24.pddl            | 0.01    | 0.53   | <b>0.00</b> | None | None       | 0.00    |
| prob25.pddl            | 0.00    | 0.00   | <b>0.00</b> | None | 2.56       | 0.00    |
| prob26.pddl            | 0.00    | 0.02   | <b>0.00</b> | None | 14.57      | 0.00    |
| prob27.pddl            | 0.00    | 0.03   | <b>0.00</b> | None | 11.46      | 0.00    |
| prob28.pddl            | 0.00    | 0.00   | <b>0.00</b> | None | 5.05       | 0.00    |
| prob29.pddl            | 0.00    | 0.02   | <b>0.00</b> | None | 12.20      | 0.00    |
| prob30.pddl            | 0.01    | 0.32   | <b>0.00</b> | None | 31.68      | 0.00    |
| prob31.pddl            | 0.00    | 0.05   | <b>0.00</b> | None | 9.39       | 0.00    |
| prob32.pddl            | 0.00    | 0.01   | <b>0.00</b> | None | 9.19       | 0.00    |
| prob33.pddl            | 0.01    | 0.40   | <b>0.00</b> | None | 36.76      | 0.00    |
| prob34.pddl            | 0.00    | 0.05   | <b>0.00</b> | None | 16.29      | 0.00    |
| prob35.pddl            | 0.00    | 0.00   | <b>0.00</b> | None | 6.42       | 0.00    |

## mystery

| Sg initialization time | default | marked | naive       | psvn | psvn_split | watched |
|------------------------|---------|--------|-------------|------|------------|---------|
| prob01.pddl            | 0.00    | 0.00   | <b>0.00</b> | 0.19 | 0.27       | 0.00    |
| prob02.pddl            | 0.00    | 0.03   | <b>0.00</b> | None | 11.45      | 0.00    |
| prob03.pddl            | 0.00    | 0.01   | <b>0.00</b> | None | 6.23       | 0.00    |
| prob04.pddl            | 0.00    | 0.00   | <b>0.00</b> | None | 2.81       | 0.00    |
| prob05.pddl            | 0.00    | 0.01   | <b>0.00</b> | None | 6.72       | 0.00    |
| prob06.pddl            | 0.01    | 0.14   | <b>0.00</b> | None | 17.93      | 0.00    |
| prob07.pddl            | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| prob08.pddl            | 0.00    | 0.02   | <b>0.00</b> | None | 5.72       | 0.00    |
| prob09.pddl            | 0.00    | 0.01   | <b>0.00</b> | None | 5.76       | 0.00    |
| prob10.pddl            | 0.03    | 1.23   | <b>0.00</b> | None | None       | 0.00    |
| prob11.pddl            | 0.00    | 0.00   | <b>0.00</b> | None | 1.72       | 0.00    |
| prob12.pddl            | 0.00    | 0.00   | <b>0.00</b> | None | 3.55       | 0.00    |
| prob13.pddl            | 0.01    | 0.63   | <b>0.00</b> | None | None       | 0.00    |
| prob14.pddl            | 0.03    | 1.82   | <b>0.00</b> | None | None       | 0.00    |
| prob15.pddl            | 0.01    | 0.28   | <b>0.00</b> | None | 20.78      | 0.00    |
| prob16.pddl            | 0.00    | 0.01   | <b>0.00</b> | None | 6.17       | 0.00    |
| prob17.pddl            | 0.01    | 0.29   | <b>0.00</b> | None | 25.96      | 0.00    |
| prob18.pddl            | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| prob19.pddl            | 0.00    | 0.07   | <b>0.00</b> | None | 7.79       | 0.00    |
| prob20.pddl            | 0.00    | 0.07   | <b>0.00</b> | None | 14.67      | 0.00    |
| prob21.pddl            | 0.00    | 0.09   | <b>0.00</b> | None | 11.47      | 0.00    |
| prob22.pddl            | 0.01    | 0.43   | <b>0.00</b> | None | 21.96      | 0.00    |
| prob23.pddl            | 0.00    | 0.10   | <b>0.00</b> | None | 10.35      | 0.00    |
| prob24.pddl            | 0.00    | 0.07   | <b>0.00</b> | None | 8.64       | 0.00    |
| prob25.pddl            | 0.00    | 0.00   | <b>0.00</b> | 0.49 | 0.68       | 0.00    |
| prob26.pddl            | 0.00    | 0.01   | <b>0.00</b> | None | 6.37       | 0.00    |
| prob27.pddl            | 0.00    | 0.00   | <b>0.00</b> | None | 8.17       | 0.00    |
| prob28.pddl            | 0.00    | 0.00   | <b>0.00</b> | None | 1.73       | 0.00    |
| prob29.pddl            | 0.00    | 0.01   | <b>0.00</b> | None | 4.77       | 0.00    |
| prob30.pddl            | 0.00    | 0.03   | <b>0.00</b> | None | 8.53       | 0.00    |

# nomystery-opt11-strips

| Sg intitialization time | default | marked | naive       | psvn  | psvn_split | watched |
|-------------------------|---------|--------|-------------|-------|------------|---------|
| p01.pddl                | 0.00    | 0.00   | <b>0.00</b> | 0.05  | 0.07       | 0.00    |
| p02.pddl                | 0.00    | 0.00   | <b>0.00</b> | 2.53  | 3.62       | 0.00    |
| p03.pddl                | 0.00    | 0.00   | <b>0.00</b> | 18.83 | 5.72       | 0.00    |
| p04.pddl                | 0.00    | 0.01   | <b>0.00</b> | None  | 7.79       | 0.00    |
| p05.pddl                | 0.00    | 0.02   | <b>0.00</b> | None  | 11.90      | 0.00    |
| p06.pddl                | 0.00    | 0.04   | <b>0.00</b> | None  | 15.96      | 0.00    |
| p07.pddl                | 0.00    | 0.04   | <b>0.00</b> | None  | 13.69      | 0.00    |
| p08.pddl                | 0.00    | 0.05   | <b>0.00</b> | None  | 16.88      | 0.00    |
| p09.pddl                | 0.00    | 0.07   | <b>0.00</b> | None  | 25.34      | 0.00    |
| p10.pddl                | 0.00    | 0.05   | <b>0.00</b> | None  | 14.36      | 0.00    |
| p11.pddl                | 0.00    | 0.00   | <b>0.00</b> | 0.03  | 0.04       | 0.00    |
| p12.pddl                | 0.00    | 0.00   | <b>0.00</b> | 1.47  | 1.78       | 0.00    |
| p13.pddl                | 0.00    | 0.00   | <b>0.00</b> | 10.31 | 4.09       | 0.00    |
| p14.pddl                | 0.00    | 0.00   | <b>0.00</b> | None  | 6.32       | 0.00    |
| p15.pddl                | 0.00    | 0.01   | <b>0.00</b> | None  | 9.34       | 0.00    |
| p16.pddl                | 0.00    | 0.02   | <b>0.00</b> | None  | 12.24      | 0.00    |
| p17.pddl                | 0.00    | 0.02   | <b>0.00</b> | None  | 10.33      | 0.00    |
| p18.pddl                | 0.00    | 0.03   | <b>0.00</b> | None  | 13.39      | 0.00    |
| p19.pddl                | 0.00    | 0.04   | <b>0.00</b> | None  | 17.59      | 0.00    |
| p20.pddl                | 0.00    | 0.03   | <b>0.00</b> | None  | 11.69      | 0.00    |

## openstacks-opt08-strips

| Sg initialization time | default | marked | naive       | psvn | psvn_split | watched |
|------------------------|---------|--------|-------------|------|------------|---------|
| p01.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.02 | 0.02       | 0.00    |
| p02.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.07 | 0.10       | 0.00    |
| p03.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.37 | 0.54       | 0.00    |
| p04.pddl               | 0.00    | 0.00   | <b>0.00</b> | 2.00 | 1.52       | 0.00    |
| p05.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.39       | 0.00    |
| p06.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.39       | 0.00    |
| p07.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.24       | 0.00    |
| p08.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.61       | 0.00    |
| p09.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.97       | 0.00    |
| p10.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.97       | 0.00    |
| p11.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.97       | 0.00    |
| p12.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 3.20       | 0.00    |
| p13.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 4.03       | 0.00    |
| p14.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 3.67       | 0.00    |
| p15.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 3.58       | 0.00    |
| p16.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 3.65       | 0.00    |
| p17.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 3.69       | 0.00    |
| p18.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 4.01       | 0.00    |
| p19.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 4.76       | 0.00    |
| p20.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 4.56       | 0.00    |
| p21.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 4.37       | 0.00    |
| p22.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 4.58       | 0.00    |
| p23.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 4.55       | 0.00    |
| p24.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 4.57       | 0.00    |
| p25.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 4.58       | 0.00    |
| p26.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 4.88       | 0.00    |
| p27.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 5.53       | 0.00    |
| p28.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 5.60       | 0.00    |
| p29.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 6.62       | 0.00    |
| p30.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 6.53       | 0.00    |

# openstacks-opt11-strips

| Sg initialization time | default | marked | naive       | psvn | psvn_split | watched |
|------------------------|---------|--------|-------------|------|------------|---------|
| p01.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.31       | 0.00    |
| p02.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.36       | 0.00    |
| p03.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.50       | 0.00    |
| p04.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.86       | 0.00    |
| p05.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.94       | 0.00    |
| p06.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 3.00       | 0.00    |
| p07.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 3.19       | 0.00    |
| p08.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 3.82       | 0.00    |
| p09.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 3.69       | 0.00    |
| p10.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 4.36       | 0.00    |
| p11.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 3.62       | 0.00    |
| p12.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 3.58       | 0.00    |
| p13.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 3.78       | 0.00    |
| p14.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 4.07       | 0.00    |
| p15.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 4.88       | 0.00    |
| p16.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 4.55       | 0.00    |
| p17.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 4.52       | 0.00    |
| p18.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 4.77       | 0.00    |
| p19.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 4.66       | 0.00    |
| p20.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 4.79       | 0.00    |

## openstacks-opt14-strips

| Sg initialization time | default | marked | naive       | psvn | psvn_split | watched |
|------------------------|---------|--------|-------------|------|------------|---------|
| p20_1.pddl             | 0.00    | 0.00   | <b>0.00</b> | None | 3.50       | 0.00    |
| p20_2.pddl             | 0.00    | 0.00   | <b>0.00</b> | None | 3.56       | 0.00    |
| p20_3.pddl             | 0.00    | 0.00   | <b>0.00</b> | None | 3.74       | 0.00    |
| p25_1.pddl             | 0.00    | 0.00   | <b>0.00</b> | None | 4.37       | 0.00    |
| p25_3.pddl             | 0.00    | 0.01   | <b>0.00</b> | None | 4.56       | 0.00    |
| p30_1.pddl             | 0.00    | 0.01   | <b>0.00</b> | None | 4.75       | 0.00    |
| p30_2.pddl             | 0.00    | 0.01   | <b>0.00</b> | None | 4.92       | 0.00    |
| p30_3.pddl             | 0.00    | 0.01   | <b>0.00</b> | None | 5.70       | 0.00    |
| p35_1.pddl             | 0.00    | 0.01   | <b>0.00</b> | None | 5.91       | 0.00    |
| p35_2.pddl             | 0.00    | 0.01   | <b>0.00</b> | None | 5.89       | 0.00    |
| p35_3.pddl             | 0.00    | 0.02   | <b>0.00</b> | None | 5.23       | 0.00    |
| p40_1.pddl             | 0.00    | 0.02   | <b>0.00</b> | None | 5.71       | 0.00    |
| p40_2.pddl             | 0.00    | 0.02   | <b>0.00</b> | None | 6.18       | 0.00    |
| p40_3.pddl             | 0.00    | 0.02   | <b>0.00</b> | None | 6.90       | 0.00    |
| p45_1.pddl             | 0.00    | 0.03   | <b>0.00</b> | None | 7.39       | 0.00    |
| p45_2.pddl             | 0.00    | 0.03   | <b>0.00</b> | None | 7.28       | 0.00    |
| p45_3.pddl             | 0.00    | 0.04   | <b>0.00</b> | None | 6.94       | 0.00    |
| p50_1.pddl             | 0.00    | 0.04   | <b>0.00</b> | None | 7.42       | 0.00    |
| p50_2.pddl             | 0.00    | 0.04   | <b>0.00</b> | None | 7.87       | 0.00    |
| p50_3.pddl             | 0.00    | 0.05   | <b>0.00</b> | None | 7.36       | 0.00    |



## openstacks-strips

| Sg initialization time | default | marked | naive       | psvn | psvn_split | watched |
|------------------------|---------|--------|-------------|------|------------|---------|
| p01.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.54 | 0.64       | 0.00    |
| p02.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.55 | 0.68       | 0.00    |
| p03.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.51 | 0.65       | 0.00    |
| p04.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.53 | 0.66       | 0.00    |
| p05.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.52 | 0.70       | 0.00    |
| p06.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 1.45       | 0.00    |
| p07.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 1.53       | 0.00    |
| p08.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 14.01      | 0.00    |
| p09.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 13.19      | 0.00    |
| p10.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 16.64      | 0.00    |
| p11.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 17.19      | 0.00    |
| p12.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 16.99      | 0.00    |
| p13.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 18.31      | 0.00    |
| p14.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 17.34      | 0.00    |
| p15.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 17.33      | 0.00    |
| p16.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 17.31      | 0.00    |
| p17.pddl               | 0.00    | 0.02   | <b>0.00</b> | None | 17.90      | 0.00    |
| p18.pddl               | 0.00    | 0.08   | <b>0.00</b> | None | 31.53      | 0.00    |
| p19.pddl               | 0.00    | 0.02   | <b>0.00</b> | None | 17.20      | 0.00    |
| p20.pddl               | 0.00    | 0.03   | <b>0.00</b> | None | None       | 0.00    |
| p21.pddl               | 0.00    | 0.04   | <b>0.00</b> | None | None       | 0.00    |
| p22.pddl               | 0.00    | 0.04   | <b>0.00</b> | None | None       | 0.00    |
| p23.pddl               | 0.00    | 0.04   | <b>0.00</b> | None | None       | 0.00    |
| p24.pddl               | 0.03    | 0.69   | <b>0.00</b> | None | None       | 0.00    |
| p25.pddl               | 0.03    | 0.57   | <b>0.00</b> | None | None       | 0.00    |
| p26.pddl               | 0.01    | 0.17   | <b>0.00</b> | None | 37.63      | 0.00    |
| p27.pddl               | 0.02    | 0.61   | <b>0.00</b> | None | None       | 0.00    |
| p28.pddl               | 0.23    | 11.14  | <b>0.00</b> | None | None       | 0.00    |
| p29.pddl               | 0.20    | 9.25   | <b>0.00</b> | None | None       | 0.00    |
| p30.pddl               | 0.04    | 1.53   | <b>0.00</b> | None | None       | 0.00    |

# organic-synthesis-opt18-strips

| Sg initialization time | default | marked | naive       | psvn | psvn_split | watched |
|------------------------|---------|--------|-------------|------|------------|---------|
| p01.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.01 | 0.01       | 0.00    |
| p02.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.01 | 0.01       | 0.00    |
| p03.pddl               | 0.00    | 0.02   | <b>0.00</b> | 0.25 | 0.32       | 0.00    |
| p04.pddl               | None    | None   | None        | None | None       | None    |
| p05.pddl               | None    | None   | None        | None | None       | None    |
| p06.pddl               | None    | None   | None        | None | None       | None    |
| p07.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p08.pddl               | None    | None   | None        | None | None       | None    |
| p09.pddl               | 0.01    | 0.13   | <b>0.00</b> | None | None       | 0.00    |
| p10.pddl               | 0.01    | 0.11   | <b>0.00</b> | None | None       | 0.00    |
| p11.pddl               | None    | None   | None        | None | None       | None    |
| p12.pddl               | None    | None   | None        | None | None       | None    |
| p13.pddl               | None    | None   | None        | None | None       | None    |
| p14.pddl               | 0.00    | 0.02   | <b>0.00</b> | None | None       | 0.00    |
| p15.pddl               | None    | None   | None        | None | None       | None    |
| p16.pddl               | None    | None   | None        | None | None       | None    |
| p17.pddl               | None    | None   | None        | None | None       | None    |
| p18.pddl               | None    | None   | None        | None | None       | None    |
| p19.pddl               | None    | None   | None        | None | None       | None    |
| p20.pddl               | None    | None   | None        | None | None       | None    |

# organic-synthesis-split-opt18-strips

| Sg initialization time | default | marked | naive       | psvn | psvn_split | watched |
|------------------------|---------|--------|-------------|------|------------|---------|
| p01.pddl               | 0.00    | 0.02   | <b>0.00</b> | None | None       | 0.00    |
| p02.pddl               | 0.00    | 0.04   | <b>0.00</b> | None | None       | 0.00    |
| p03.pddl               | 0.02    | 1.07   | <b>0.00</b> | None | None       | 0.00    |
| p04.pddl               | 0.01    | 0.46   | <b>0.00</b> | None | None       | 0.00    |
| p05.pddl               | 0.02    | 2.24   | <b>0.00</b> | None | None       | 0.00    |
| p06.pddl               | 0.03    | 2.35   | <b>0.00</b> | None | None       | 0.00    |
| p07.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 3.59       | 0.00    |
| p08.pddl               | 0.05    | 9.53   | <b>0.00</b> | None | None       | 0.01    |
| p09.pddl               | 0.00    | 0.11   | <b>0.00</b> | None | None       | 0.00    |
| p10.pddl               | 0.00    | 0.12   | <b>0.00</b> | None | None       | 0.00    |
| p11.pddl               | 0.02    | 1.59   | <b>0.00</b> | None | None       | 0.00    |
| p12.pddl               | 0.02    | 2.17   | <b>0.00</b> | None | None       | 0.00    |
| p13.pddl               | 0.09    | 28.51  | <b>0.00</b> | None | None       | 0.01    |
| p14.pddl               | 0.01    | 0.16   | <b>0.00</b> | None | 59.36      | 0.00    |
| p15.pddl               | 0.10    | 34.02  | <b>0.00</b> | None | None       | 0.01    |
| p16.pddl               | 0.17    | 77.65  | <b>0.00</b> | None | None       | 0.02    |
| p17.pddl               | 0.26    | 135.15 | <b>0.01</b> | None | None       | 0.04    |
| p18.pddl               | 0.16    | 63.02  | <b>0.00</b> | None | None       | 0.01    |
| p19.pddl               | 0.06    | 15.62  | <b>0.00</b> | None | None       | 0.01    |
| p20.pddl               | 0.08    | 23.15  | <b>0.00</b> | None | None       | 0.01    |

## parcprinter-08-strips

| Sg initialization time | default | marked | naive       | psvn | psvn_split | watched |
|------------------------|---------|--------|-------------|------|------------|---------|
| p01.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p02.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.04 | 0.05       | 0.00    |
| p03.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.06 | 0.08       | 0.00    |
| p04.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 5.85       | 0.00    |
| p05.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 4.21       | 0.00    |
| p06.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 4.64       | 0.00    |
| p07.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 7.40       | 0.00    |
| p08.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 7.69       | 0.00    |
| p09.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 7.72       | 0.00    |
| p10.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 8.22       | 0.00    |
| p11.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p12.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.86 | 1.19       | 0.00    |
| p13.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 5.11       | 0.00    |
| p14.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 5.86       | 0.00    |
| p15.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 6.05       | 0.00    |
| p16.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 6.67       | 0.00    |
| p17.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 11.27      | 0.00    |
| p18.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | None       | 0.00    |
| p19.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 10.08      | 0.00    |
| p20.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 12.92      | 0.00    |
| p21.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p22.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.11 | 0.12       | 0.00    |
| p23.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.49       | 0.00    |
| p24.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 4.44       | 0.00    |
| p25.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 10.49      | 0.00    |
| p26.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 5.21       | 0.00    |
| p27.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 6.73       | 0.00    |
| p28.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 9.14       | 0.00    |
| p29.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 8.15       | 0.00    |
| p30.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 9.87       | 0.00    |

# parcprinter-opt11-strips

| Sg initialization time | default | marked | naive       | psvn | psvn_split | watched |
|------------------------|---------|--------|-------------|------|------------|---------|
| p01.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.11 | 0.13       | 0.00    |
| p02.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.04 | 0.05       | 0.00    |
| p03.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.83 | 1.15       | 0.00    |
| p04.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 5.63       | 0.00    |
| p05.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.60       | 0.00    |
| p06.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 4.72       | 0.00    |
| p07.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 4.44       | 0.00    |
| p08.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 4.42       | 0.00    |
| p09.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 4.98       | 0.00    |
| p10.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 11.15      | 0.00    |
| p11.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 5.02       | 0.00    |
| p12.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 5.73       | 0.00    |
| p13.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 7.51       | 0.00    |
| p14.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 7.56       | 0.00    |
| p15.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 7.63       | 0.00    |
| p16.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 8.36       | 0.00    |
| p17.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 6.08       | 0.00    |
| p18.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 6.60       | 0.00    |
| p19.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 11.27      | 0.00    |
| p20.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 6.99       | 0.00    |

## parking-opt11-strips

| Sg initialization time | default | marked | naive       | psvn | psvn_split | watched |
|------------------------|---------|--------|-------------|------|------------|---------|
| pfile03-011.pddl       | 0.00    | 0.03   | <b>0.00</b> | None | 17.62      | 0.00    |
| pfile03-012.pddl       | 0.00    | 0.03   | <b>0.00</b> | None | 17.43      | 0.00    |
| pfile04-013.pddl       | 0.00    | 0.06   | <b>0.00</b> | None | 12.23      | 0.00    |
| pfile04-014.pddl       | 0.00    | 0.07   | <b>0.00</b> | None | 12.40      | 0.00    |
| pfile04-015.pddl       | 0.00    | 0.07   | <b>0.00</b> | None | 12.43      | 0.00    |
| pfile04-016.pddl       | 0.00    | 0.07   | <b>0.00</b> | None | 12.65      | 0.00    |
| pfile05-017.pddl       | 0.00    | 0.12   | <b>0.00</b> | None | None       | 0.00    |
| pfile05-018.pddl       | 0.00    | 0.12   | <b>0.00</b> | None | None       | 0.00    |
| pfile05-019.pddl       | 0.00    | 0.12   | <b>0.00</b> | None | None       | 0.00    |
| pfile05-020.pddl       | 0.00    | 0.12   | <b>0.00</b> | None | None       | 0.00    |
| pfile06-021.pddl       | 0.01    | 0.22   | <b>0.00</b> | None | 17.64      | 0.00    |
| pfile06-022.pddl       | 0.01    | 0.21   | <b>0.00</b> | None | 16.90      | 0.00    |
| pfile06-023.pddl       | 0.01    | 0.22   | <b>0.00</b> | None | 16.95      | 0.00    |
| pfile06-024.pddl       | 0.01    | 0.22   | <b>0.00</b> | None | 17.68      | 0.00    |
| pfile07-025.pddl       | 0.01    | 0.37   | <b>0.00</b> | None | None       | 0.00    |
| pfile07-026.pddl       | 0.01    | 0.38   | <b>0.00</b> | None | None       | 0.00    |
| pfile07-027.pddl       | 0.01    | 0.37   | <b>0.00</b> | None | None       | 0.00    |
| pfile07-028.pddl       | 0.01    | 0.37   | <b>0.00</b> | None | None       | 0.00    |
| pfile08-029.pddl       | 0.01    | 0.61   | <b>0.00</b> | None | 31.24      | 0.00    |
| pfile08-030.pddl       | 0.01    | 0.60   | <b>0.00</b> | None | 30.68      | 0.00    |

## parking-opt14-strips

| Sg initialization time | default | marked | naive       | psvn | psvn_split | watched |
|------------------------|---------|--------|-------------|------|------------|---------|
| p_12_7-01.pddl         | 0.00    | 0.03   | <b>0.00</b> | None | 17.80      | 0.00    |
| p_12_7-02.pddl         | 0.00    | 0.03   | <b>0.00</b> | None | 17.78      | 0.00    |
| p_12_7-03.pddl         | 0.00    | 0.03   | <b>0.00</b> | None | 17.67      | 0.00    |
| p_12_7-04.pddl         | 0.00    | 0.03   | <b>0.00</b> | None | 17.95      | 0.00    |
| p_14_8-01.pddl         | 0.00    | 0.07   | <b>0.00</b> | None | 12.19      | 0.00    |
| p_14_8-02.pddl         | 0.00    | 0.07   | <b>0.00</b> | None | 12.67      | 0.00    |
| p_14_8-03.pddl         | 0.00    | 0.07   | <b>0.00</b> | None | 12.50      | 0.00    |
| p_14_8-04.pddl         | 0.00    | 0.07   | <b>0.00</b> | None | 12.36      | 0.00    |
| p_16_9-01.pddl         | 0.00    | 0.13   | <b>0.00</b> | None | None       | 0.00    |
| p_16_9-02.pddl         | 0.00    | 0.12   | <b>0.00</b> | None | None       | 0.00    |
| p_16_9-03.pddl         | 0.00    | 0.13   | <b>0.00</b> | None | None       | 0.00    |
| p_16_9-04.pddl         | 0.00    | 0.13   | <b>0.00</b> | None | None       | 0.00    |
| p_18_10-01.pddl        | 0.01    | 0.21   | <b>0.00</b> | None | 17.12      | 0.00    |
| p_18_10-02.pddl        | 0.01    | 0.22   | <b>0.00</b> | None | 17.28      | 0.00    |
| p_18_10-03.pddl        | 0.01    | 0.22   | <b>0.00</b> | None | 17.73      | 0.00    |
| p_18_10-04.pddl        | 0.01    | 0.22   | <b>0.00</b> | None | 16.91      | 0.00    |
| p_20_11-01.pddl        | 0.01    | 0.38   | <b>0.00</b> | None | None       | 0.00    |
| p_20_11-02.pddl        | 0.01    | 0.38   | <b>0.00</b> | None | None       | 0.00    |
| p_20_11-03.pddl        | 0.01    | 0.36   | <b>0.00</b> | None | None       | 0.00    |
| p_20_11-04.pddl        | 0.01    | 0.39   | <b>0.00</b> | None | None       | 0.00    |

## pathways

| Sg initialization time | default | marked | naive       | psvn | psvn_split | watched |
|------------------------|---------|--------|-------------|------|------------|---------|
| p01.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 0.75       | 0.00    |
| p02.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 1.22       | 0.00    |
| p03.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.11       | 0.00    |
| p04.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 3.72       | 0.00    |
| p05.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 4.70       | 0.00    |
| p06.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 6.06       | 0.00    |
| p07.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 7.68       | 0.00    |
| p08.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 10.99      | 0.00    |
| p09.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 10.20      | 0.00    |
| p10.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 6.03       | 0.00    |
| p11.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 6.83       | 0.00    |
| p12.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 9.25       | 0.00    |
| p13.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 8.15       | 0.00    |
| p14.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 9.66       | 0.00    |
| p15.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 10.13      | 0.00    |
| p16.pddl               | 0.00    | 0.02   | <b>0.00</b> | None | 13.68      | 0.00    |
| p17.pddl               | 0.00    | 0.02   | <b>0.00</b> | None | 16.59      | 0.00    |
| p18.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 10.29      | 0.00    |
| p19.pddl               | 0.00    | 0.02   | <b>0.00</b> | None | 17.74      | 0.00    |
| p20.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 14.52      | 0.00    |
| p21.pddl               | 0.00    | 0.02   | <b>0.00</b> | None | 16.11      | 0.00    |
| p22.pddl               | 0.00    | 0.02   | <b>0.00</b> | None | 12.95      | 0.00    |
| p23.pddl               | 0.00    | 0.02   | <b>0.00</b> | None | 17.69      | 0.00    |
| p24.pddl               | 0.00    | 0.02   | <b>0.00</b> | None | None       | 0.00    |
| p25.pddl               | 0.00    | 0.04   | <b>0.00</b> | None | 16.50      | 0.00    |
| p26.pddl               | 0.00    | 0.04   | <b>0.00</b> | None | 18.52      | 0.00    |
| p27.pddl               | 0.00    | 0.04   | <b>0.00</b> | None | 17.59      | 0.00    |
| p28.pddl               | 0.00    | 0.04   | <b>0.00</b> | None | 17.78      | 0.00    |
| p29.pddl               | 0.00    | 0.02   | <b>0.00</b> | None | None       | 0.00    |
| p30.pddl               | 0.00    | 0.03   | <b>0.00</b> | None | 20.87      | 0.00    |



## pegsol-08-strips

| Sg initialization time | default | marked | naive       | psvn | psvn_split | watched |
|------------------------|---------|--------|-------------|------|------------|---------|
| p01.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.77 | 0.62       | 0.00    |
| p02.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.79       | 0.00    |
| p03.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.77       | 0.00    |
| p04.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.77       | 0.00    |
| p05.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.91 | 0.80       | 0.00    |
| p06.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.70       | 0.00    |
| p07.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.78       | 0.00    |
| p08.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.81       | 0.00    |
| p09.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 3.04       | 0.00    |
| p10.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.74       | 0.00    |
| p11.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.79       | 0.00    |
| p12.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.66       | 0.00    |
| p13.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.86       | 0.00    |
| p14.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.79       | 0.00    |
| p15.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 3.05       | 0.00    |
| p16.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.75       | 0.00    |
| p17.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.74       | 0.00    |
| p18.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.72       | 0.00    |
| p19.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.92       | 0.00    |
| p20.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.85       | 0.00    |
| p21.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.86       | 0.00    |
| p22.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.74       | 0.00    |
| p23.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.78       | 0.00    |
| p24.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.95       | 0.00    |
| p25.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.83       | 0.00    |
| p26.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.79       | 0.00    |
| p27.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.85       | 0.00    |
| p28.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.81       | 0.00    |
| p29.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.79       | 0.00    |
| p30.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.93       | 0.00    |

## pegsol-opt11-strips

| Sg initialization time | default | marked | naive       | psvn | psvn_split | watched |
|------------------------|---------|--------|-------------|------|------------|---------|
| p01.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.87       | 0.00    |
| p02.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.76       | 0.00    |
| p03.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.74       | 0.00    |
| p04.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.77       | 0.00    |
| p05.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.77       | 0.00    |
| p06.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.88       | 0.00    |
| p07.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.85       | 0.00    |
| p08.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.74       | 0.00    |
| p09.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.85       | 0.00    |
| p10.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.73       | 0.00    |
| p11.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.73       | 0.00    |
| p12.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.79       | 0.00    |
| p13.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.84       | 0.00    |
| p14.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.83       | 0.00    |
| p15.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.74       | 0.00    |
| p16.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.96       | 0.00    |
| p17.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.73       | 0.00    |
| p18.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.76       | 0.00    |
| p19.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.77       | 0.00    |
| p20.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.86       | 0.00    |

# petri-net-alignment-opt18-strips

| Sg initialization time | default | marked | naive       | psvn | psvn_split | watched |
|------------------------|---------|--------|-------------|------|------------|---------|
| p01.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 11.66      | 0.00    |
| p02.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 12.68      | 0.00    |
| p03.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 15.13      | 0.00    |
| p04.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 16.15      | 0.00    |
| p05.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 11.59      | 0.00    |
| p06.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 15.81      | 0.00    |
| p07.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 14.33      | 0.00    |
| p08.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 15.92      | 0.00    |
| p09.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 14.32      | 0.00    |
| p10.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 16.86      | 0.00    |
| p11.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 16.17      | 0.00    |
| p12.pddl               | 0.00    | 0.02   | <b>0.00</b> | None | 13.98      | 0.00    |
| p13.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 17.18      | 0.00    |
| p14.pddl               | 0.00    | 0.02   | <b>0.00</b> | None | 17.21      | 0.00    |
| p15.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 17.60      | 0.00    |
| p16.pddl               | 0.00    | 0.02   | <b>0.00</b> | None | 17.23      | 0.00    |
| p17.pddl               | 0.00    | 0.02   | <b>0.00</b> | None | 17.23      | 0.00    |
| p18.pddl               | 0.00    | 0.02   | <b>0.00</b> | None | 17.06      | 0.00    |
| p19.pddl               | 0.00    | 0.02   | <b>0.00</b> | None | 17.41      | 0.00    |
| p20.pddl               | 0.00    | 0.02   | <b>0.00</b> | None | 15.33      | 0.00    |

## pipesworld-notankage

| Sg initialization time | default | marked | naive       | psvn | psvn_split | watched |
|------------------------|---------|--------|-------------|------|------------|---------|
| p01-net1-b6-g2.pddl    | 0.00    | 0.00   | <b>0.00</b> | None | 2.23       | 0.00    |
| p02-net1-b6-g4.pddl    | 0.00    | 0.00   | <b>0.00</b> | None | 2.22       | 0.00    |
| p03-net1-b8-g3.pddl    | 0.00    | 0.00   | <b>0.00</b> | None | 3.89       | 0.00    |
| p04-net1-b8-g5.pddl    | 0.00    | 0.00   | <b>0.00</b> | None | 3.98       | 0.00    |
| p05-net1-b10-g4.pddl   | 0.00    | 0.00   | <b>0.00</b> | None | 6.29       | 0.00    |
| p06-net1-b10-g6.pddl   | 0.00    | 0.00   | <b>0.00</b> | None | 6.34       | 0.00    |
| p07-net1-b12-g5.pddl   | 0.00    | 0.00   | <b>0.00</b> | None | 11.90      | 0.00    |
| p08-net1-b12-g7.pddl   | 0.00    | 0.00   | <b>0.00</b> | None | 12.07      | 0.00    |
| p09-net1-b14-g6.pddl   | 0.00    | 0.00   | <b>0.00</b> | None | 16.84      | 0.00    |
| p10-net1-b14-g8.pddl   | 0.00    | 0.00   | <b>0.00</b> | None | 16.14      | 0.00    |
| p11-net2-b10-g2.pddl   | 0.00    | 0.01   | <b>0.00</b> | None | 9.96       | 0.00    |
| p12-net2-b10-g4.pddl   | 0.00    | 0.01   | <b>0.00</b> | None | 9.75       | 0.00    |
| p13-net2-b12-g3.pddl   | 0.00    | 0.01   | <b>0.00</b> | None | None       | 0.00    |
| p14-net2-b12-g5.pddl   | 0.00    | 0.01   | <b>0.00</b> | None | None       | 0.00    |
| p15-net2-b14-g4.pddl   | 0.00    | 0.01   | <b>0.00</b> | None | None       | 0.00    |
| p16-net2-b14-g6.pddl   | 0.00    | 0.01   | <b>0.00</b> | None | None       | 0.00    |
| p17-net2-b16-g5.pddl   | 0.00    | 0.03   | <b>0.00</b> | None | 21.70      | 0.00    |
| p18-net2-b16-g7.pddl   | 0.00    | 0.03   | <b>0.00</b> | None | 21.92      | 0.00    |
| p19-net2-b18-g6.pddl   | 0.00    | 0.04   | <b>0.00</b> | None | None       | 0.00    |
| p20-net2-b18-g8.pddl   | 0.00    | 0.04   | <b>0.00</b> | None | None       | 0.00    |
| p21-net3-b12-g2.pddl   | 0.00    | 0.01   | <b>0.00</b> | None | 13.28      | 0.00    |
| p22-net3-b12-g4.pddl   | 0.00    | 0.01   | <b>0.00</b> | None | 13.36      | 0.00    |
| p23-net3-b14-g3.pddl   | 0.00    | 0.03   | <b>0.00</b> | None | None       | 0.00    |
| p24-net3-b14-g5.pddl   | 0.00    | 0.03   | <b>0.00</b> | None | None       | 0.00    |
| p25-net3-b16-g5.pddl   | 0.00    | 0.04   | <b>0.00</b> | None | 23.77      | 0.00    |
| p26-net3-b16-g7.pddl   | 0.00    | 0.04   | <b>0.00</b> | None | 24.58      | 0.00    |
| p27-net3-b18-g6.pddl   | 0.00    | 0.06   | <b>0.00</b> | None | 27.94      | 0.00    |
| p28-net3-b18-g7.pddl   | 0.00    | 0.06   | <b>0.00</b> | None | 27.25      | 0.00    |
| p29-net3-b20-g6.pddl   | 0.00    | 0.09   | <b>0.00</b> | None | None       | 0.00    |
| p30-net3-b20-g8.pddl   | 0.00    | 0.08   | <b>0.00</b> | None | None       | 0.00    |
| p31-net4-b14-g3.pddl   | 0.00    | 0.04   | <b>0.00</b> | None | 20.23      | 0.00    |
| p32-net4-b14-g5.pddl   | 0.00    | 0.04   | <b>0.00</b> | None | 20.24      | 0.00    |
| p33-net4-b16-g5.pddl   | 0.00    | 0.05   | <b>0.00</b> | None | 22.07      | 0.00    |
| p34-net4-b16-g6.pddl   | 0.00    | 0.06   | <b>0.00</b> | None | None       | 0.00    |
| p35-net4-b18-g4.pddl   | 0.00    | 0.09   | <b>0.00</b> | None | None       | 0.00    |
| p36-net4-b18-g6.pddl   | 0.00    | 0.09   | <b>0.00</b> | None | None       | 0.00    |
| p37-net4-b20-g5.pddl   | 0.00    | 0.13   | <b>0.00</b> | None | 33.29      | 0.00    |
| p38-net4-b20-g7.pddl   | 0.00    | 0.12   | <b>0.00</b> | None | 33.55      | 0.00    |
| p39-net4-b22-g7.pddl   | 0.00    | 0.20   | <b>0.00</b> | None | None       | 0.00    |
| p40-net4-b22-g8.pddl   | 0.00    | 0.20   | <b>0.00</b> | None | None       | 0.00    |
| p41-net5-b22-g2.pddl   | 0.01    | 0.28   | <b>0.00</b> | None | None       | 0.00    |
| p42-net5-b22-g4.pddl   | 0.01    | 0.28   | <b>0.00</b> | None | None       | 0.00    |
| p43-net5-b24-g3.pddl   | 0.01    | 0.38   | <b>0.00</b> | None | None       | 0.00    |

## pipesworld-tankage

| Sg initialization time   | default | marked | naive       | psvn | psvn_split | watched |
|--------------------------|---------|--------|-------------|------|------------|---------|
| p01-net1-b6-g2-t50.pddl  | 0.00    | 0.00   | <b>0.00</b> | None | 1.98       | 0.00    |
| p02-net1-b6-g4-t50.pddl  | 0.00    | 0.00   | <b>0.00</b> | None | 1.96       | 0.00    |
| p03-net1-b8-g3-t80.pddl  | 0.00    | 0.00   | <b>0.00</b> | None | 4.57       | 0.00    |
| p04-net1-b8-g5-t80.pddl  | 0.00    | 0.00   | <b>0.00</b> | None | 4.43       | 0.00    |
| p05-net1-b10-g4-t50.pddl | 0.00    | 0.00   | <b>0.00</b> | None | 6.39       | 0.00    |
| p06-net1-b10-g6-t50.pddl | 0.00    | 0.00   | <b>0.00</b> | None | 6.08       | 0.00    |
| p07-net1-b12-g5-t80.pddl | 0.00    | 0.01   | <b>0.00</b> | None | 8.17       | 0.00    |
| p08-net1-b12-g7-t80.pddl | 0.00    | 0.01   | <b>0.00</b> | None | 8.15       | 0.00    |
| p09-net1-b14-g6-t50.pddl | 0.00    | 0.01   | <b>0.00</b> | None | 6.83       | 0.00    |
| p10-net1-b14-g8-t50.pddl | 0.00    | 0.01   | <b>0.00</b> | None | 6.78       | 0.00    |
| p11-net2-b10-g2-t30.pddl | 0.00    | 0.01   | <b>0.00</b> | None | 8.73       | 0.00    |
| p12-net2-b10-g4-t60.pddl | 0.00    | 0.02   | <b>0.00</b> | None | 8.49       | 0.00    |
| p13-net2-b12-g3-t70.pddl | 0.00    | 0.03   | <b>0.00</b> | None | None       | 0.00    |
| p14-net2-b12-g5-t30.pddl | 0.00    | 0.02   | <b>0.00</b> | None | 10.54      | 0.00    |
| p15-net2-b14-g4-t30.pddl | 0.00    | 0.02   | <b>0.00</b> | None | 8.63       | 0.00    |
| p16-net2-b14-g6-t80.pddl | 0.00    | 0.06   | <b>0.00</b> | None | 14.93      | 0.00    |
| p17-net2-b16-g5-t20.pddl | 0.00    | 0.03   | <b>0.00</b> | None | 7.70       | 0.00    |
| p18-net2-b16-g7-t60.pddl | 0.01    | 0.08   | <b>0.00</b> | None | None       | 0.00    |
| p19-net2-b18-g6-t60.pddl | 0.01    | 0.11   | <b>0.00</b> | None | None       | 0.00    |
| p20-net2-b18-g8-t90.pddl | 0.01    | 0.23   | <b>0.00</b> | None | None       | 0.00    |
| p21-net3-b12-g2-t60.pddl | 0.00    | 0.03   | <b>0.00</b> | None | 16.97      | 0.00    |
| p22-net3-b12-g4-t60.pddl | 0.00    | 0.03   | <b>0.00</b> | None | 16.41      | 0.00    |
| p23-net3-b14-g3-t60.pddl | 0.01    | 0.10   | <b>0.00</b> | None | None       | 0.00    |
| p24-net3-b14-g5-t60.pddl | 0.01    | 0.10   | <b>0.00</b> | None | None       | 0.00    |
| p25-net3-b16-g5-t60.pddl | 0.01    | 0.23   | <b>0.00</b> | None | 18.76      | 0.00    |
| p26-net3-b16-g7-t70.pddl | 0.01    | 0.28   | <b>0.00</b> | None | None       | 0.00    |
| p27-net3-b18-g6-t70.pddl | 0.01    | 0.29   | <b>0.00</b> | None | None       | 0.00    |
| p28-net3-b18-g7-t70.pddl | 0.01    | 0.29   | <b>0.00</b> | None | None       | 0.00    |
| p29-net3-b20-g6-t70.pddl | 0.02    | 0.56   | <b>0.00</b> | None | None       | 0.00    |
| p30-net3-b20-g8-t70.pddl | 0.02    | 0.56   | <b>0.00</b> | None | None       | 0.00    |
| p31-net4-b14-g3-t20.pddl | 0.00    | 0.02   | <b>0.00</b> | None | 8.62       | 0.00    |
| p32-net4-b14-g5-t30.pddl | 0.00    | 0.07   | <b>0.00</b> | None | None       | 0.00    |
| p33-net4-b16-g5-t60.pddl | 0.01    | 0.14   | <b>0.00</b> | None | None       | 0.00    |
| p34-net4-b16-g6-t60.pddl | 0.01    | 0.21   | <b>0.00</b> | None | None       | 0.00    |
| p35-net4-b18-g4-t90.pddl | 0.03    | 0.91   | <b>0.00</b> | None | None       | 0.00    |
| p36-net4-b18-g6-t90.pddl | 0.03    | 0.76   | <b>0.00</b> | None | None       | 0.00    |
| p37-net4-b20-g5-t60.pddl | 0.02    | 0.56   | <b>0.00</b> | None | None       | 0.00    |
| p38-net4-b20-g7-t60.pddl | 0.02    | 0.56   | <b>0.00</b> | None | None       | 0.00    |
| p39-net4-b22-g7-t50.pddl | 0.03    | 0.98   | <b>0.00</b> | None | None       | 0.00    |
| p40-net4-b22-g8-t50.pddl | 0.03    | 0.90   | <b>0.00</b> | None | None       | 0.00    |
| p41-net5-b22-g2-t20.pddl | 0.01    | 0.41   | <b>0.00</b> | None | None       | 0.00    |
| p42-net5-b22-g4-t50.pddl | 0.04    | 1.64   | <b>0.00</b> | None | None       | 0.00    |
| p43-net5-b24-g3-t80.pddl | 0.08    | 5.24   | <b>0.00</b> | None | None       | 0.01    |

**psr-small**

| Sg initialization time | default | marked | naive       | psvn | psvn_split | watched |
|------------------------|---------|--------|-------------|------|------------|---------|
| p01-s2-n1-l2-f50.pddl  | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p02-s5-n1-l3-f30.pddl  | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p03-s7-n1-l3-f70.pddl  | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p04-s8-n1-l4-f10.pddl  | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p05-s9-n1-l4-f30.pddl  | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p06-s10-n1-l4-f50.pddl | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p07-s11-n1-l4-f70.pddl | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p08-s12-n1-l5-f10.pddl | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p09-s13-n1-l5-f30.pddl | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p10-s17-n2-l2-f30.pddl | 0.00    | 0.00   | <b>0.00</b> | 0.03 | 0.04       | 0.00    |
| p11-s18-n2-l2-f50.pddl | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p12-s21-n2-l3-f30.pddl | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p13-s22-n2-l3-f50.pddl | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p14-s23-n2-l3-f70.pddl | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p15-s24-n2-l4-f10.pddl | 0.00    | 0.00   | <b>0.00</b> | 0.23 | 0.25       | 0.00    |
| p16-s29-n2-l5-f30.pddl | 0.00    | 0.00   | <b>0.00</b> | 0.02 | 0.01       | 0.00    |
| p17-s30-n2-l5-f50.pddl | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p18-s31-n2-l5-f70.pddl | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p19-s33-n3-l2-f30.pddl | 0.00    | 0.00   | <b>0.00</b> | 0.09 | 0.05       | 0.00    |
| p20-s34-n3-l2-f50.pddl | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p21-s35-n3-l2-f70.pddl | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p22-s37-n3-l3-f30.pddl | 0.00    | 0.00   | <b>0.00</b> | 1.07 | 0.42       | 0.00    |
| p23-s38-n3-l3-f50.pddl | 0.00    | 0.00   | <b>0.00</b> | 0.01 | 0.01       | 0.00    |
| p24-s39-n3-l3-f70.pddl | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p25-s40-n3-l4-f10.pddl | 0.01    | 0.08   | <b>0.00</b> | 3.84 | 4.86       | 0.00    |
| p26-s41-n3-l4-f30.pddl | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p27-s42-n3-l4-f50.pddl | 0.00    | 0.00   | <b>0.00</b> | 0.02 | 0.03       | 0.00    |
| p28-s43-n3-l4-f70.pddl | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p29-s45-n3-l5-f30.pddl | 0.00    | 0.00   | <b>0.00</b> | 1.32 | 0.90       | 0.00    |
| p30-s46-n3-l5-f50.pddl | 0.00    | 0.00   | <b>0.00</b> | 0.04 | 0.06       | 0.00    |
| p31-s49-n4-l2-f30.pddl | 0.00    | 0.00   | <b>0.00</b> | 3.37 | 1.92       | 0.00    |
| p32-s50-n4-l2-f50.pddl | 0.00    | 0.00   | <b>0.00</b> | 0.03 | 0.01       | 0.00    |
| p33-s51-n4-l2-f70.pddl | 0.00    | 0.00   | <b>0.00</b> | 0.14 | 0.06       | 0.00    |
| p34-s55-n4-l3-f70.pddl | 0.00    | 0.00   | <b>0.00</b> | 0.01 | 0.02       | 0.00    |
| p35-s57-n5-l2-f30.pddl | 0.00    | 0.00   | <b>0.00</b> | None | 1.07       | 0.00    |
| p36-s65-n6-l2-f30.pddl | 0.00    | 0.00   | <b>0.00</b> | None | 3.12       | 0.00    |
| p37-s67-n6-l2-f70.pddl | 0.00    | 0.00   | <b>0.00</b> | 0.54 | 0.65       | 0.00    |
| p38-s78-n3-l3-f50.pddl | 0.00    | 0.00   | <b>0.00</b> | 0.01 | 0.02       | 0.00    |
| p39-s79-n3-l3-f70.pddl | 0.00    | 0.00   | <b>0.00</b> | 0.09 | 0.03       | 0.00    |
| p40-s80-n3-l4-f10.pddl | 0.00    | 0.01   | <b>0.00</b> | None | 3.90       | 0.00    |
| p41-s81-n3-l4-f30.pddl | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p42-s82-n3-l4-f50.pddl | 0.00    | 0.00   | <b>0.00</b> | 0.03 | 0.04       | 0.00    |
| p43-s83-n3-l4-f70.pddl | 0.00    | 0.00   | <b>0.00</b> | 0.01 | 0.02       | 0.00    |

# rovers

| Sg initialization time | default | marked | naive       | psvn | psvn_split | watched |
|------------------------|---------|--------|-------------|------|------------|---------|
| p01.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p02.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p03.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.01 | 0.01       | 0.00    |
| p04.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p05.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.45 | 0.74       | 0.00    |
| p06.pddl               | 0.00    | 0.00   | <b>0.00</b> | 4.71 | 1.42       | 0.00    |
| p07.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 1.56       | 0.00    |
| p08.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 3.08       | 0.00    |
| p09.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 3.09       | 0.00    |
| p10.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 4.00       | 0.00    |
| p11.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 3.22       | 0.00    |
| p12.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.37       | 0.00    |
| p13.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 4.71       | 0.00    |
| p14.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.95       | 0.00    |
| p15.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 3.76       | 0.00    |
| p16.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 4.65       | 0.00    |
| p17.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 5.34       | 0.00    |
| p18.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 5.74       | 0.00    |
| p19.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 7.75       | 0.00    |
| p20.pddl               | 0.00    | 0.02   | <b>0.00</b> | None | 8.55       | 0.00    |
| p21.pddl               | 0.00    | 0.04   | <b>0.00</b> | None | 6.68       | 0.00    |
| p22.pddl               | 0.00    | 0.04   | <b>0.00</b> | None | 7.77       | 0.00    |
| p23.pddl               | 0.00    | 0.06   | <b>0.00</b> | None | 9.35       | 0.00    |
| p24.pddl               | 0.00    | 0.05   | <b>0.00</b> | None | 10.45      | 0.00    |
| p25.pddl               | 0.00    | 0.03   | <b>0.00</b> | None | 9.54       | 0.00    |
| p26.pddl               | 0.00    | 0.03   | <b>0.00</b> | None | 7.30       | 0.00    |
| p27.pddl               | 0.00    | 0.04   | <b>0.00</b> | None | 8.76       | 0.00    |
| p28.pddl               | 0.00    | 0.10   | <b>0.00</b> | None | 12.07      | 0.00    |
| p29.pddl               | 0.00    | 0.12   | <b>0.00</b> | None | 12.55      | 0.00    |
| p30.pddl               | 0.00    | 0.14   | <b>0.00</b> | None | None       | 0.00    |
| p31.pddl               | 0.00    | 0.14   | <b>0.00</b> | None | 12.22      | 0.00    |
| p32.pddl               | 0.00    | 0.28   | <b>0.00</b> | None | 16.33      | 0.00    |
| p33.pddl               | 0.01    | 0.31   | <b>0.00</b> | None | 20.69      | 0.00    |
| p34.pddl               | 0.00    | 0.37   | <b>0.00</b> | None | None       | 0.00    |
| p35.pddl               | 0.01    | 0.55   | <b>0.00</b> | None | None       | 0.00    |
| p36.pddl               | 0.01    | 0.43   | <b>0.00</b> | None | None       | 0.00    |
| p37.pddl               | 0.01    | 0.99   | <b>0.00</b> | None | None       | 0.00    |
| p38.pddl               | 0.01    | 1.26   | <b>0.00</b> | None | None       | 0.00    |
| p39.pddl               | 0.01    | 1.04   | <b>0.00</b> | None | None       | 0.00    |
| p40.pddl               | 0.01    | 1.57   | <b>0.00</b> | None | None       | 0.00    |

## satellite

| Sg initialization time | default | marked | naive       | psvn | psvn_split | watched |
|------------------------|---------|--------|-------------|------|------------|---------|
| p01-pfile1.pddl        | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p02-pfile2.pddl        | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p03-pfile3.pddl        | 0.00    | 0.00   | <b>0.00</b> | 0.02 | 0.02       | 0.00    |
| p04-pfile4.pddl        | 0.00    | 0.00   | <b>0.00</b> | 0.02 | 0.02       | 0.00    |
| p05-pfile5.pddl        | 0.00    | 0.00   | <b>0.00</b> | None | 2.76       | 0.00    |
| p06-pfile6.pddl        | 0.00    | 0.00   | <b>0.00</b> | 1.53 | 2.64       | 0.00    |
| p07-pfile7.pddl        | 0.00    | 0.00   | <b>0.00</b> | None | 3.55       | 0.00    |
| p08-pfile8.pddl        | 0.00    | 0.00   | <b>0.00</b> | None | 3.44       | 0.00    |
| p09-pfile9.pddl        | 0.00    | 0.00   | <b>0.00</b> | None | 3.37       | 0.00    |
| p10-pfile10.pddl       | 0.00    | 0.00   | <b>0.00</b> | None | 4.58       | 0.00    |
| p11-pfile11.pddl       | 0.00    | 0.00   | <b>0.00</b> | None | 4.04       | 0.00    |
| p12-pfile12.pddl       | 0.00    | 0.01   | <b>0.00</b> | None | 4.92       | 0.00    |
| p13-pfile13.pddl       | 0.00    | 0.01   | <b>0.00</b> | None | 5.63       | 0.00    |
| p14-pfile14.pddl       | 0.00    | 0.01   | <b>0.00</b> | None | 5.26       | 0.00    |
| p15-pfile15.pddl       | 0.00    | 0.02   | <b>0.00</b> | None | 6.65       | 0.00    |
| p16-pfile16.pddl       | 0.00    | 0.03   | <b>0.00</b> | None | 6.78       | 0.00    |
| p17-pfile17.pddl       | 0.00    | 0.04   | <b>0.00</b> | None | 8.28       | 0.00    |
| p18-pfile18.pddl       | 0.00    | 0.01   | <b>0.00</b> | None | 4.74       | 0.00    |
| p19-pfile19.pddl       | 0.00    | 0.01   | <b>0.00</b> | None | 6.11       | 0.00    |
| p20-pfile20.pddl       | 0.00    | 0.01   | <b>0.00</b> | None | 6.42       | 0.00    |
| p21-HC-pfile1.pddl     | 0.00    | 0.04   | <b>0.00</b> | None | 6.99       | 0.00    |
| p22-HC-pfile2.pddl     | 0.00    | 0.08   | <b>0.00</b> | None | 7.21       | 0.00    |
| p23-HC-pfile3.pddl     | 0.01    | 0.14   | <b>0.00</b> | None | 9.06       | 0.00    |
| p24-HC-pfile4.pddl     | 0.01    | 0.76   | <b>0.00</b> | None | 13.30      | 0.00    |
| p25-HC-pfile5.pddl     | 0.01    | 0.52   | <b>0.00</b> | None | 15.86      | 0.00    |
| p26-HC-pfile6.pddl     | 0.01    | 0.51   | <b>0.00</b> | None | 16.80      | 0.00    |
| p27-HC-pfile7.pddl     | 0.02    | 1.20   | <b>0.00</b> | None | 20.44      | 0.00    |
| p28-HC-pfile8.pddl     | 0.03    | 4.52   | <b>0.00</b> | None | None       | 0.01    |
| p29-HC-pfile9.pddl     | 0.04    | 9.36   | <b>0.00</b> | None | None       | 0.01    |
| p30-HC-pfile10.pddl    | 0.09    | 16.37  | <b>0.00</b> | None | None       | 0.01    |
| p31-HC-pfile11.pddl    | 0.14    | 30.34  | <b>0.01</b> | None | None       | 0.03    |
| p32-HC-pfile12.pddl    | 0.27    | 71.32  | <b>0.01</b> | None | None       | 0.06    |
| p33-HC-pfile13.pddl    | 0.45    | 132.50 | <b>0.02</b> | None | None       | 0.09    |
| p34-HC-pfile14.pddl    | 0.06    | 9.01   | <b>0.00</b> | None | None       | 0.01    |
| p35-HC-pfile15.pddl    | 0.11    | 21.45  | <b>0.01</b> | None | None       | 0.02    |
| p36-HC-pfile16.pddl    | 0.19    | 34.03  | <b>0.01</b> | None | None       | 0.04    |



## scanalyzer-08-strips

| Sg initialization time | default | marked | naive       | psvn | psvn_split | watched |
|------------------------|---------|--------|-------------|------|------------|---------|
| p01.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.22 | 0.30       | 0.00    |
| p02.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.16 | 0.21       | 0.00    |
| p03.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.15 | 0.19       | 0.00    |
| p04.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | None       | 0.00    |
| p05.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 6.14       | 0.00    |
| p06.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 5.90       | 0.00    |
| p07.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | None       | 0.00    |
| p08.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | None       | 0.00    |
| p09.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 11.52      | 0.00    |
| p10.pddl               | 0.00    | 0.03   | <b>0.00</b> | None | None       | 0.00    |
| p11.pddl               | 0.00    | 0.02   | <b>0.00</b> | None | 10.63      | 0.00    |
| p12.pddl               | 0.00    | 0.02   | <b>0.00</b> | None | None       | 0.00    |
| p13.pddl               | 0.01    | 0.08   | <b>0.00</b> | None | None       | 0.00    |
| p14.pddl               | 0.01    | 0.05   | <b>0.00</b> | None | None       | 0.00    |
| p15.pddl               | 0.00    | 0.04   | <b>0.00</b> | None | None       | 0.00    |
| p16.pddl               | 0.02    | 0.20   | <b>0.00</b> | None | None       | 0.00    |
| p17.pddl               | 0.01    | 0.11   | <b>0.00</b> | None | None       | 0.00    |
| p18.pddl               | 0.01    | 0.09   | <b>0.00</b> | None | None       | 0.00    |
| p19.pddl               | 0.02    | 0.95   | <b>0.00</b> | None | None       | 0.00    |
| p20.pddl               | 0.02    | 0.21   | <b>0.00</b> | None | None       | 0.00    |
| p21.pddl               | 0.01    | 0.19   | <b>0.00</b> | None | None       | 0.00    |
| p22.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p23.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p24.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p25.pddl               | 0.02    | 0.11   | <b>0.00</b> | None | 14.05      | 0.00    |
| p26.pddl               | 0.01    | 0.08   | <b>0.00</b> | None | 15.22      | 0.00    |
| p27.pddl               | 0.01    | 0.06   | <b>0.00</b> | None | 14.05      | 0.00    |
| p28.pddl               | 0.25    | 3.84   | <b>0.01</b> | None | None       | 0.05    |
| p29.pddl               | 0.16    | 2.48   | <b>0.00</b> | None | None       | 0.04    |
| p30.pddl               | 0.14    | 2.15   | <b>0.00</b> | None | None       | 0.03    |

# scanalyzer-opt11-strips

| Sg initialization time | default | marked | naive       | psvn | psvn_split | watched |
|------------------------|---------|--------|-------------|------|------------|---------|
| p01.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p02.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.17 | 0.22       | 0.00    |
| p03.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.14 | 0.19       | 0.00    |
| p04.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | None       | 0.00    |
| p05.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | None       | 0.00    |
| p06.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 6.03       | 0.00    |
| p07.pddl               | 0.02    | 0.76   | <b>0.00</b> | None | None       | 0.00    |
| p08.pddl               | 0.00    | 0.04   | <b>0.00</b> | None | None       | 0.00    |
| p09.pddl               | 0.01    | 0.08   | <b>0.00</b> | None | None       | 0.00    |
| p10.pddl               | 0.01    | 0.19   | <b>0.00</b> | None | None       | 0.00    |
| p11.pddl               | 0.02    | 0.13   | <b>0.00</b> | None | 14.10      | 0.00    |
| p12.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 5.81       | 0.00    |
| p13.pddl               | 0.01    | 0.08   | <b>0.00</b> | None | 14.52      | 0.00    |
| p14.pddl               | 0.01    | 0.11   | <b>0.00</b> | None | 14.36      | 0.00    |
| p15.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | None       | 0.00    |
| p16.pddl               | 0.00    | 0.02   | <b>0.00</b> | None | 10.73      | 0.00    |
| p17.pddl               | 0.01    | 0.05   | <b>0.00</b> | None | None       | 0.00    |
| p18.pddl               | 0.01    | 0.10   | <b>0.00</b> | None | None       | 0.00    |
| p19.pddl               | 0.02    | 0.21   | <b>0.00</b> | None | None       | 0.00    |
| p20.pddl               | 0.26    | 3.81   | <b>0.01</b> | None | None       | 0.05    |

# snake-opt18-strips

| Sg initialization time | default | marked | naive       | psvn | psvn_split | watched |
|------------------------|---------|--------|-------------|------|------------|---------|
| p01.pddl               | 0.01    | 0.07   | <b>0.00</b> | None | 7.03       | 0.00    |
| p02.pddl               | 0.01    | 0.08   | <b>0.00</b> | None | 6.12       | 0.00    |
| p03.pddl               | 0.01    | 0.08   | <b>0.00</b> | None | 10.08      | 0.00    |
| p04.pddl               | 0.01    | 0.06   | <b>0.00</b> | None | 5.43       | 0.00    |
| p05.pddl               | 0.01    | 0.06   | <b>0.00</b> | None | 6.52       | 0.00    |
| p06.pddl               | 0.01    | 0.14   | <b>0.00</b> | None | 12.09      | 0.00    |
| p07.pddl               | 0.01    | 0.14   | <b>0.00</b> | None | 10.96      | 0.00    |
| p08.pddl               | 0.01    | 0.17   | <b>0.00</b> | None | 12.25      | 0.00    |
| p09.pddl               | 0.01    | 0.11   | <b>0.00</b> | None | 7.67       | 0.00    |
| p10.pddl               | 0.01    | 0.12   | <b>0.00</b> | None | 9.21       | 0.00    |
| p11.pddl               | 0.01    | 0.23   | <b>0.00</b> | None | 12.72      | 0.00    |
| p12.pddl               | 0.02    | 0.25   | <b>0.00</b> | None | 15.43      | 0.00    |
| p13.pddl               | 0.02    | 0.27   | <b>0.00</b> | None | 19.02      | 0.00    |
| p14.pddl               | 0.02    | 0.31   | <b>0.00</b> | None | 20.10      | 0.00    |
| p15.pddl               | 0.01    | 0.21   | <b>0.00</b> | None | 12.02      | 0.00    |
| p16.pddl               | 0.02    | 0.39   | <b>0.00</b> | None | 17.35      | 0.00    |
| p17.pddl               | 0.02    | 0.64   | <b>0.00</b> | None | 20.93      | 0.00    |
| p18.pddl               | 0.02    | 0.48   | <b>0.00</b> | None | 26.45      | 0.00    |
| p19.pddl               | 0.02    | 0.53   | <b>0.00</b> | None | 32.63      | 0.00    |
| p20.pddl               | 0.02    | 0.35   | <b>0.00</b> | None | 17.19      | 0.00    |

# sokoban-opt08-strips

| Sg initialization time | default | marked | naive       | psvn | psvn_split | watched     |
|------------------------|---------|--------|-------------|------|------------|-------------|
| p01.pddl               | 0.00    | 0.00   | <b>0.00</b> | 5.04 | 1.61       | 0.00        |
| p02.pddl               | 0.00    | 0.00   | <b>0.00</b> | 2.63 | 0.85       | 0.00        |
| p03.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.87 | 0.69       | 0.00        |
| p04.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.42       | 0.00        |
| p05.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 6.56       | 0.00        |
| p06.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 1.83       | 0.00        |
| p07.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 3.01       | 0.00        |
| p08.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.62       | 0.00        |
| p09.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.92       | 0.00        |
| p10.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.52       | 0.00        |
| p11.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 3.05       | 0.00        |
| p12.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.97       | 0.00        |
| p13.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.29       | 0.00        |
| p14.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.32       | 0.00        |
| p15.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 3.43       | 0.00        |
| p16.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.86       | 0.00        |
| p17.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.96       | 0.00        |
| p18.pddl               | 0.00    | 0.00   | 0.00        | None | 3.32       | <b>0.00</b> |
| p19.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.98       | 0.00        |
| p20.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 5.40       | 0.00        |
| p21.pddl               | 0.00    | 0.02   | <b>0.00</b> | None | 7.78       | 0.00        |
| p22.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.98       | 0.00        |
| p23.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 3.06       | 0.00        |
| p24.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 3.07       | 0.00        |
| p25.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 3.76       | 0.00        |
| p26.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 3.77       | 0.00        |
| p27.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 5.49       | 0.00        |
| p28.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 3.74       | 0.00        |
| p29.pddl               | 0.00    | 0.03   | <b>0.00</b> | None | 10.60      | 0.00        |
| p30.pddl               | 0.00    | 0.03   | <b>0.00</b> | None | None       | 0.00        |

# sokoban-opt11-strips

| Sg initialization time | default | marked | naive       | psvn | psvn_split | watched |
|------------------------|---------|--------|-------------|------|------------|---------|
| p01.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 1.86       | 0.00    |
| p02.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 3.09       | 0.00    |
| p03.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.36       | 0.00    |
| p04.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.43       | 0.00    |
| p05.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 3.00       | 0.00    |
| p06.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 3.10       | 0.00    |
| p07.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.52       | 0.00    |
| p08.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.94       | 0.00    |
| p09.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.93       | 0.00    |
| p10.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 6.50       | 0.00    |
| p11.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.28       | 0.00    |
| p12.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 5.55       | 0.00    |
| p13.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.64       | 0.00    |
| p14.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 3.04       | 0.00    |
| p15.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 3.25       | 0.00    |
| p16.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 3.29       | 0.00    |
| p17.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 3.20       | 0.00    |
| p18.pddl               | 0.00    | 0.02   | <b>0.00</b> | None | 7.63       | 0.00    |
| p19.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.88       | 0.00    |
| p20.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 3.01       | 0.00    |

# spider-opt18-strips

| Sg initialization time | default | marked | naive       | psvn | psvn_split | watched |
|------------------------|---------|--------|-------------|------|------------|---------|
| p01.pddl               | 0.00    | 0.08   | <b>0.00</b> | None | 18.93      | 0.00    |
| p02.pddl               | 0.00    | 0.15   | <b>0.00</b> | None | None       | 0.00    |
| p03.pddl               | 0.01    | 0.52   | <b>0.00</b> | None | 41.38      | 0.00    |
| p04.pddl               | 0.01    | 0.80   | <b>0.00</b> | None | None       | 0.00    |
| p05.pddl               | 0.02    | 2.01   | <b>0.00</b> | None | None       | 0.00    |
| p06.pddl               | 0.03    | 5.49   | <b>0.00</b> | None | None       | 0.00    |
| p07.pddl               | 0.00    | 0.08   | <b>0.00</b> | None | 18.63      | 0.00    |
| p08.pddl               | 0.00    | 0.16   | <b>0.00</b> | None | None       | 0.00    |
| p09.pddl               | 0.01    | 0.50   | <b>0.00</b> | None | 45.00      | 0.00    |
| p10.pddl               | 0.01    | 0.78   | <b>0.00</b> | None | 50.98      | 0.00    |
| p11.pddl               | 0.02    | 2.22   | <b>0.00</b> | None | None       | 0.00    |
| p12.pddl               | 0.03    | 6.07   | <b>0.00</b> | None | None       | 0.00    |
| p13.pddl               | 0.03    | 7.51   | <b>0.00</b> | None | None       | 0.00    |
| p14.pddl               | 0.00    | 0.08   | <b>0.00</b> | None | 20.00      | 0.00    |
| p15.pddl               | 0.00    | 0.16   | <b>0.00</b> | None | None       | 0.00    |
| p16.pddl               | 0.01    | 0.50   | <b>0.00</b> | None | 45.92      | 0.00    |
| p17.pddl               | 0.01    | 0.73   | <b>0.00</b> | None | None       | 0.00    |
| p18.pddl               | 0.02    | 2.00   | <b>0.00</b> | None | None       | 0.00    |
| p19.pddl               | 0.03    | 5.21   | <b>0.00</b> | None | None       | 0.00    |
| p20.pddl               | 0.04    | 6.84   | <b>0.00</b> | None | None       | 0.00    |

## storage

| Sg initialization time | default | marked | naive       | psvn | psvn_split | watched |
|------------------------|---------|--------|-------------|------|------------|---------|
| p01.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p02.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p03.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.03 | 0.05       | 0.00    |
| p04.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.01 | 0.01       | 0.00    |
| p05.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.16 | 0.30       | 0.00    |
| p06.pddl               | 0.00    | 0.00   | <b>0.00</b> | 3.12 | 1.77       | 0.00    |
| p07.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.34 | 0.49       | 0.00    |
| p08.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 1.75       | 0.00    |
| p09.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.69       | 0.00    |
| p10.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 1.14       | 0.00    |
| p11.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.27       | 0.00    |
| p12.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 3.42       | 0.00    |
| p13.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 1.44       | 0.00    |
| p14.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.40       | 0.00    |
| p15.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 3.72       | 0.00    |
| p16.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 4.27       | 0.00    |
| p17.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 5.68       | 0.00    |
| p18.pddl               | 0.00    | 0.02   | <b>0.00</b> | None | 6.30       | 0.00    |
| p19.pddl               | 0.00    | 0.03   | <b>0.00</b> | None | 5.01       | 0.00    |
| p20.pddl               | 0.00    | 0.05   | <b>0.00</b> | None | 8.89       | 0.00    |
| p21.pddl               | 0.00    | 0.09   | <b>0.00</b> | None | 8.90       | 0.00    |
| p22.pddl               | 0.01    | 0.13   | <b>0.00</b> | None | 12.07      | 0.00    |
| p23.pddl               | 0.01    | 0.16   | <b>0.00</b> | None | 10.51      | 0.00    |
| p24.pddl               | 0.01    | 0.19   | <b>0.00</b> | None | 11.47      | 0.00    |
| p25.pddl               | 0.01    | 0.28   | <b>0.00</b> | None | 13.07      | 0.00    |
| p26.pddl               | 0.01    | 0.48   | <b>0.00</b> | None | 18.31      | 0.00    |
| p27.pddl               | 0.01    | 0.61   | <b>0.00</b> | None | 18.41      | 0.00    |
| p28.pddl               | 0.01    | 0.70   | <b>0.00</b> | None | 18.68      | 0.00    |
| p29.pddl               | 0.02    | 1.00   | <b>0.00</b> | None | None       | 0.00    |
| p30.pddl               | 0.02    | 1.12   | <b>0.00</b> | None | None       | 0.00    |

# termes-opt18-strips

| Sg initialization time | default | marked | naive       | psvn  | psvn_split | watched |
|------------------------|---------|--------|-------------|-------|------------|---------|
| p01.pddl               | 0.00    | 0.00   | <b>0.00</b> | 12.68 | 2.91       | 0.00    |
| p02.pddl               | 0.00    | 0.00   | <b>0.00</b> | 13.40 | 2.97       | 0.00    |
| p03.pddl               | 0.00    | 0.00   | <b>0.00</b> | None  | 3.32       | 0.00    |
| p04.pddl               | 0.00    | 0.00   | <b>0.00</b> | None  | 4.01       | 0.00    |
| p05.pddl               | 0.00    | 0.00   | <b>0.00</b> | None  | 4.38       | 0.00    |
| p06.pddl               | 0.00    | 0.00   | <b>0.00</b> | None  | 4.22       | 0.00    |
| p07.pddl               | 0.00    | 0.00   | <b>0.00</b> | None  | 4.05       | 0.00    |
| p08.pddl               | 0.00    | 0.00   | <b>0.00</b> | None  | 4.28       | 0.00    |
| p09.pddl               | 0.00    | 0.00   | <b>0.00</b> | None  | 4.49       | 0.00    |
| p10.pddl               | 0.00    | 0.00   | <b>0.00</b> | None  | 4.39       | 0.00    |
| p11.pddl               | 0.00    | 0.00   | <b>0.00</b> | 15.12 | 2.89       | 0.00    |
| p12.pddl               | 0.00    | 0.00   | <b>0.00</b> | 14.87 | 2.81       | 0.00    |
| p13.pddl               | 0.00    | 0.00   | <b>0.00</b> | None  | 3.30       | 0.00    |
| p14.pddl               | 0.00    | 0.00   | <b>0.00</b> | None  | 4.17       | 0.00    |
| p15.pddl               | 0.00    | 0.00   | <b>0.00</b> | None  | 4.32       | 0.00    |
| p16.pddl               | 0.00    | 0.00   | <b>0.00</b> | None  | 3.66       | 0.00    |
| p17.pddl               | 0.00    | 0.00   | <b>0.00</b> | 11.97 | 3.28       | 0.00    |
| p18.pddl               | 0.00    | 0.00   | <b>0.00</b> | 12.51 | 2.86       | 0.00    |
| p19.pddl               | 0.00    | 0.00   | <b>0.00</b> | None  | 4.17       | 0.00    |
| p20.pddl               | 0.00    | 0.00   | <b>0.00</b> | None  | 3.46       | 0.00    |



# tetris-opt14-strips

| Sg initialization time | default | marked | naive       | psvn | psvn_split | watched |
|------------------------|---------|--------|-------------|------|------------|---------|
| p01-6.pddl             | 0.00    | 0.11   | <b>0.00</b> | None | None       | 0.00    |
| p01-8.pddl             | 0.01    | 0.53   | <b>0.00</b> | None | None       | 0.00    |
| p01-10.pddl            | 0.01    | 0.39   | <b>0.00</b> | None | None       | 0.00    |
| p02-4.pddl             | 0.00    | 0.03   | <b>0.00</b> | None | None       | 0.00    |
| p02-6.pddl             | 0.01    | 0.27   | <b>0.00</b> | None | None       | 0.00    |
| p02-8.pddl             | 0.01    | 0.56   | <b>0.00</b> | None | None       | 0.00    |
| p02-10.pddl            | 0.01    | 0.38   | <b>0.00</b> | None | None       | 0.00    |
| p03-4.pddl             | 0.00    | 0.03   | <b>0.00</b> | None | None       | 0.00    |
| p03-6.pddl             | 0.00    | 0.09   | <b>0.00</b> | None | None       | 0.00    |
| p03-8.pddl             | 0.02    | 1.90   | <b>0.00</b> | None | None       | 0.00    |
| p03-10.pddl            | 0.02    | 3.83   | <b>0.00</b> | None | None       | 0.00    |
| p04-6.pddl             | 0.00    | 0.11   | <b>0.00</b> | None | None       | 0.00    |
| p04-8.pddl             | 0.01    | 1.14   | <b>0.00</b> | None | None       | 0.00    |
| p04-10.pddl            | 0.02    | 2.50   | <b>0.00</b> | None | None       | 0.00    |
| p05-6.pddl             | 0.00    | 0.08   | <b>0.00</b> | None | None       | 0.00    |
| p05-8.pddl             | 0.02    | 1.80   | <b>0.00</b> | None | None       | 0.00    |
| p05-10.pddl            | 0.02    | 3.52   | <b>0.00</b> | None | None       | 0.00    |

## tidybot-opt11-strips

| Sg initialization time | default | marked | naive       | psvn | psvn_split | watched |
|------------------------|---------|--------|-------------|------|------------|---------|
| p01.pddl               | 0.00    | 0.05   | <b>0.00</b> | None | None       | 0.00    |
| p02.pddl               | 0.01    | 0.10   | <b>0.00</b> | None | None       | 0.00    |
| p03.pddl               | 0.01    | 0.10   | <b>0.00</b> | None | None       | 0.00    |
| p04.pddl               | 0.01    | 0.10   | <b>0.00</b> | None | None       | 0.00    |
| p05.pddl               | 0.01    | 0.21   | <b>0.00</b> | None | None       | 0.00    |
| p06.pddl               | 0.01    | 0.21   | <b>0.00</b> | None | None       | 0.00    |
| p07.pddl               | 0.01    | 0.20   | <b>0.00</b> | None | None       | 0.00    |
| p08.pddl               | 0.01    | 0.22   | <b>0.00</b> | None | None       | 0.00    |
| p09.pddl               | 0.02    | 0.43   | <b>0.00</b> | None | None       | 0.00    |
| p10.pddl               | 0.02    | 0.44   | <b>0.00</b> | None | None       | 0.00    |
| p11.pddl               | 0.02    | 0.47   | <b>0.00</b> | None | None       | 0.00    |
| p12.pddl               | 0.02    | 0.58   | <b>0.00</b> | None | None       | 0.00    |
| p13.pddl               | 0.02    | 0.42   | <b>0.00</b> | None | None       | 0.00    |
| p14.pddl               | 0.03    | 1.29   | <b>0.00</b> | None | None       | 0.00    |
| p15.pddl               | 0.03    | 1.55   | <b>0.00</b> | None | None       | 0.00    |
| p16.pddl               | 0.03    | 1.05   | <b>0.00</b> | None | None       | 0.00    |
| p17.pddl               | 0.03    | 0.96   | <b>0.00</b> | None | None       | 0.00    |
| p18.pddl               | 0.03    | 1.46   | <b>0.00</b> | None | None       | 0.00    |
| p19.pddl               | 0.03    | 1.45   | <b>0.00</b> | None | None       | 0.00    |
| p20.pddl               | 0.03    | 1.02   | <b>0.00</b> | None | None       | 0.00    |

## tidybot-opt14-strips

| Sg initialization time | default | marked | naive       | psvn | psvn_split | watched |
|------------------------|---------|--------|-------------|------|------------|---------|
| p01.pddl               | 0.03    | 1.45   | <b>0.00</b> | None | None       | 0.00    |
| p02.pddl               | 0.03    | 1.14   | <b>0.00</b> | None | None       | 0.00    |
| p03.pddl               | 0.03    | 0.91   | <b>0.00</b> | None | None       | 0.00    |
| p04.pddl               | 0.03    | 0.87   | <b>0.00</b> | None | None       | 0.00    |
| p05.pddl               | 0.03    | 1.26   | <b>0.00</b> | None | None       | 0.00    |
| p06.pddl               | 0.03    | 1.36   | <b>0.00</b> | None | None       | 0.00    |
| p07.pddl               | 0.03    | 0.78   | <b>0.00</b> | None | None       | 0.00    |
| p08.pddl               | 0.03    | 1.16   | <b>0.00</b> | None | None       | 0.00    |
| p09.pddl               | 0.04    | 2.52   | <b>0.00</b> | None | None       | 0.00    |
| p10.pddl               | 0.04    | 2.39   | <b>0.00</b> | None | None       | 0.00    |
| p11.pddl               | 0.02    | 0.41   | <b>0.00</b> | None | None       | 0.00    |
| p12.pddl               | 0.02    | 0.42   | <b>0.00</b> | None | None       | 0.00    |
| p13.pddl               | 0.02    | 0.43   | <b>0.00</b> | None | None       | 0.00    |
| p14.pddl               | 0.03    | 0.89   | <b>0.00</b> | None | None       | 0.00    |
| p15.pddl               | 0.03    | 1.11   | <b>0.00</b> | None | None       | 0.00    |
| p16.pddl               | 0.03    | 1.02   | <b>0.00</b> | None | None       | 0.00    |
| p17.pddl               | 0.03    | 0.91   | <b>0.00</b> | None | None       | 0.00    |
| p18.pddl               | 0.03    | 1.14   | <b>0.00</b> | None | None       | 0.00    |
| p19.pddl               | 0.03    | 0.81   | <b>0.00</b> | None | None       | 0.00    |
| p20.pddl               | 0.03    | 1.40   | <b>0.00</b> | None | None       | 0.00    |

# tpp

| Sg initialization time | default | marked | naive       | psvn | psvn_split | watched |
|------------------------|---------|--------|-------------|------|------------|---------|
| p01.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p02.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p03.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p04.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.01 | 0.01       | 0.00    |
| p05.pddl               | 0.00    | 0.00   | <b>0.00</b> | 5.34 | 1.40       | 0.00    |
| p06.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.52       | 0.00    |
| p07.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.97       | 0.00    |
| p08.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.65       | 0.00    |
| p09.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 4.01       | 0.00    |
| p10.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 3.73       | 0.00    |
| p11.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 3.90       | 0.00    |
| p12.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 4.27       | 0.00    |
| p13.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 6.37       | 0.00    |
| p14.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 9.18       | 0.00    |
| p15.pddl               | 0.00    | 0.02   | <b>0.00</b> | None | 6.17       | 0.00    |
| p16.pddl               | 0.00    | 0.05   | <b>0.00</b> | None | 8.82       | 0.00    |
| p17.pddl               | 0.00    | 0.07   | <b>0.00</b> | None | 12.72      | 0.00    |
| p18.pddl               | 0.00    | 0.09   | <b>0.00</b> | None | 12.47      | 0.00    |
| p19.pddl               | 0.00    | 0.11   | <b>0.00</b> | None | 13.16      | 0.00    |
| p20.pddl               | 0.00    | 0.13   | <b>0.00</b> | None | 11.41      | 0.00    |
| p21.pddl               | 0.01    | 0.21   | <b>0.00</b> | None | 15.32      | 0.00    |
| p22.pddl               | 0.01    | 0.25   | <b>0.00</b> | None | None       | 0.00    |
| p23.pddl               | 0.01    | 0.28   | <b>0.00</b> | None | None       | 0.00    |
| p24.pddl               | 0.01    | 0.30   | <b>0.00</b> | None | 17.32      | 0.00    |
| p25.pddl               | 0.01    | 0.50   | <b>0.00</b> | None | None       | 0.00    |
| p26.pddl               | 0.02    | 1.06   | <b>0.00</b> | None | None       | 0.00    |
| p27.pddl               | 0.02    | 1.18   | <b>0.00</b> | None | None       | 0.00    |
| p28.pddl               | 0.02    | 1.26   | <b>0.00</b> | None | None       | 0.00    |
| p29.pddl               | 0.02    | 2.20   | <b>0.00</b> | None | None       | 0.00    |
| p30.pddl               | 0.02    | 2.51   | <b>0.00</b> | None | None       | 0.00    |

# transport-opt08-strips

| Sg initialization time | default | marked | naive       | psvn | psvn_split | watched |
|------------------------|---------|--------|-------------|------|------------|---------|
| p01.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.01 | 0.02       | 0.00    |
| p02.pddl               | 0.00    | 0.00   | <b>0.00</b> | 1.13 | 2.30       | 0.00    |
| p03.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 5.86       | 0.00    |
| p04.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 6.80       | 0.00    |
| p05.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 8.49       | 0.00    |
| p06.pddl               | 0.00    | 0.02   | <b>0.00</b> | None | 9.98       | 0.00    |
| p07.pddl               | 0.00    | 0.03   | <b>0.00</b> | None | 9.99       | 0.00    |
| p08.pddl               | 0.00    | 0.04   | <b>0.00</b> | None | None       | 0.00    |
| p09.pddl               | 0.00    | 0.06   | <b>0.00</b> | None | 11.56      | 0.00    |
| p10.pddl               | 0.01    | 0.09   | <b>0.00</b> | None | 15.24      | 0.00    |
| p11.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.03 | 0.04       | 0.00    |
| p12.pddl               | 0.00    | 0.00   | <b>0.00</b> | 3.71 | 3.39       | 0.00    |
| p13.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 6.79       | 0.00    |
| p14.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 7.40       | 0.00    |
| p15.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 7.80       | 0.00    |
| p16.pddl               | 0.00    | 0.03   | <b>0.00</b> | None | 12.81      | 0.00    |
| p17.pddl               | 0.00    | 0.05   | <b>0.00</b> | None | 15.94      | 0.00    |
| p18.pddl               | 0.00    | 0.08   | <b>0.00</b> | None | 15.21      | 0.00    |
| p19.pddl               | 0.01    | 0.11   | <b>0.00</b> | None | 14.40      | 0.00    |
| p20.pddl               | 0.01    | 0.16   | <b>0.00</b> | None | None       | 0.00    |
| p21.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.02 | 0.02       | 0.00    |
| p22.pddl               | 0.00    | 0.00   | <b>0.00</b> | 1.06 | 2.20       | 0.00    |
| p23.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 4.20       | 0.00    |
| p24.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 5.80       | 0.00    |
| p25.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 6.64       | 0.00    |
| p26.pddl               | 0.00    | 0.02   | <b>0.00</b> | None | 8.37       | 0.00    |
| p27.pddl               | 0.00    | 0.03   | <b>0.00</b> | None | 10.02      | 0.00    |
| p28.pddl               | 0.00    | 0.04   | <b>0.00</b> | None | 13.16      | 0.00    |
| p29.pddl               | 0.00    | 0.07   | <b>0.00</b> | None | 11.42      | 0.00    |
| p30.pddl               | 0.01    | 0.09   | <b>0.00</b> | None | 16.00      | 0.00    |

# transport-opt11-strips

| Sg initialization time | default | marked | naive       | psvn | psvn_split | watched |
|------------------------|---------|--------|-------------|------|------------|---------|
| p01.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 4.41       | 0.00    |
| p02.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 6.00       | 0.00    |
| p03.pddl               | 0.00    | 0.00   | <b>0.00</b> | 3.71 | 3.37       | 0.00    |
| p04.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 6.66       | 0.00    |
| p05.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 5.79       | 0.00    |
| p06.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 6.91       | 0.00    |
| p07.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 7.12       | 0.00    |
| p08.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 10.00      | 0.00    |
| p09.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 7.00       | 0.00    |
| p10.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 8.04       | 0.00    |
| p11.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 10.65      | 0.00    |
| p12.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 10.06      | 0.00    |
| p13.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 12.44      | 0.00    |
| p14.pddl               | 0.00    | 0.02   | <b>0.00</b> | None | 8.89       | 0.00    |
| p15.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 8.45       | 0.00    |
| p16.pddl               | 0.00    | 0.02   | <b>0.00</b> | None | 10.58      | 0.00    |
| p17.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 8.65       | 0.00    |
| p18.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 7.34       | 0.00    |
| p19.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 6.77       | 0.00    |
| p20.pddl               | 0.00    | 0.02   | <b>0.00</b> | None | 9.64       | 0.00    |

# transport-opt14-strips

| Sg initialization time | default | marked | naive       | psvn | psvn_split | watched |
|------------------------|---------|--------|-------------|------|------------|---------|
| p01.pddl               | 0.00    | 0.00   | <b>0.00</b> | 4.40 | 3.83       | 0.00    |
| p02.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 6.21       | 0.00    |
| p03.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 7.49       | 0.00    |
| p04.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 6.58       | 0.00    |
| p05.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 11.70      | 0.00    |
| p06.pddl               | 0.00    | 0.02   | <b>0.00</b> | None | 8.58       | 0.00    |
| p07.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 4.67       | 0.00    |
| p08.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 8.95       | 0.00    |
| p09.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 7.62       | 0.00    |
| p10.pddl               | 0.00    | 0.03   | <b>0.00</b> | None | 9.93       | 0.00    |
| p11.pddl               | 0.00    | 0.05   | <b>0.00</b> | None | None       | 0.00    |
| p12.pddl               | 0.00    | 0.06   | <b>0.00</b> | None | 14.33      | 0.00    |
| p13.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 5.81       | 0.00    |
| p14.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 7.70       | 0.00    |
| p15.pddl               | 0.00    | 0.02   | <b>0.00</b> | None | None       | 0.00    |
| p16.pddl               | 0.00    | 0.06   | <b>0.00</b> | None | 13.23      | 0.00    |
| p17.pddl               | 0.01    | 0.11   | <b>0.00</b> | None | 15.89      | 0.00    |
| p18.pddl               | 0.01    | 0.13   | <b>0.00</b> | None | 13.89      | 0.00    |
| p19.pddl               | 0.01    | 0.16   | <b>0.00</b> | None | 15.72      | 0.00    |
| p20.pddl               | 0.01    | 0.17   | <b>0.00</b> | None | 16.01      | 0.00    |

## trucks-strips

| Sg initialization time | default | marked | naive       | psvn  | psvn_split | watched |
|------------------------|---------|--------|-------------|-------|------------|---------|
| p01.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.10  | 0.14       | 0.00    |
| p02.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.81  | 1.08       | 0.00    |
| p03.pddl               | 0.00    | 0.00   | <b>0.00</b> | 12.60 | 5.68       | 0.00    |
| p04.pddl               | 0.00    | 0.00   | <b>0.00</b> | None  | 10.76      | 0.00    |
| p05.pddl               | 0.00    | 0.00   | <b>0.00</b> | None  | 15.16      | 0.00    |
| p06.pddl               | 0.00    | 0.00   | <b>0.00</b> | None  | 14.41      | 0.00    |
| p07.pddl               | 0.00    | 0.00   | <b>0.00</b> | None  | 12.66      | 0.00    |
| p08.pddl               | 0.00    | 0.00   | <b>0.00</b> | None  | 14.37      | 0.00    |
| p09.pddl               | 0.00    | 0.01   | <b>0.00</b> | None  | 14.82      | 0.00    |
| p10.pddl               | 0.00    | 0.01   | <b>0.00</b> | None  | 13.89      | 0.00    |
| p11.pddl               | 0.00    | 0.02   | <b>0.00</b> | None  | 19.50      | 0.00    |
| p12.pddl               | 0.00    | 0.02   | <b>0.00</b> | None  | 20.41      | 0.00    |
| p13.pddl               | 0.00    | 0.02   | <b>0.00</b> | None  | 18.73      | 0.00    |
| p14.pddl               | 0.00    | 0.02   | <b>0.00</b> | None  | 19.80      | 0.00    |
| p15.pddl               | 0.00    | 0.02   | <b>0.00</b> | None  | 19.59      | 0.00    |
| p16.pddl               | 0.00    | 0.03   | <b>0.00</b> | None  | 20.57      | 0.00    |
| p17.pddl               | 0.00    | 0.06   | <b>0.00</b> | None  | 28.76      | 0.00    |
| p18.pddl               | 0.01    | 0.07   | <b>0.00</b> | None  | 19.10      | 0.00    |
| p19.pddl               | 0.00    | 0.06   | <b>0.00</b> | None  | 19.05      | 0.00    |
| p20.pddl               | 0.01    | 0.07   | <b>0.00</b> | None  | 18.38      | 0.00    |
| p21.pddl               | 0.01    | 0.07   | <b>0.00</b> | None  | 19.97      | 0.00    |
| p22.pddl               | 0.01    | 0.09   | <b>0.00</b> | None  | 25.08      | 0.00    |
| p23.pddl               | 0.01    | 0.17   | <b>0.00</b> | None  | None       | 0.00    |
| p24.pddl               | 0.01    | 0.20   | <b>0.00</b> | None  | None       | 0.00    |
| p25.pddl               | 0.01    | 0.25   | <b>0.00</b> | None  | 72.76      | 0.00    |
| p26.pddl               | 0.01    | 0.28   | <b>0.00</b> | None  | None       | 0.00    |
| p27.pddl               | 0.01    | 0.31   | <b>0.00</b> | None  | None       | 0.00    |
| p28.pddl               | 0.01    | 0.34   | <b>0.00</b> | None  | None       | 0.00    |
| p29.pddl               | 0.02    | 1.33   | <b>0.00</b> | None  | None       | 0.00    |
| p30.pddl               | 0.02    | 0.90   | <b>0.00</b> | None  | None       | 0.00    |



## visitall-opt11-strips

| Sg initialization time | default | marked | naive       | psvn | psvn_split | watched |
|------------------------|---------|--------|-------------|------|------------|---------|
| problem02-full.pddl    | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| problem02-half.pddl    | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| problem03-full.pddl    | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| problem03-half.pddl    | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| problem04-full.pddl    | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| problem04-half.pddl    | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| problem05-full.pddl    | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| problem05-half.pddl    | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| problem06-full.pddl    | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| problem06-half.pddl    | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| problem07-full.pddl    | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| problem07-half.pddl    | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| problem08-full.pddl    | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| problem08-half.pddl    | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| problem09-full.pddl    | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| problem09-half.pddl    | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| problem10-full.pddl    | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| problem10-half.pddl    | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| problem11-full.pddl    | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| problem11-half.pddl    | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |

# visitall-opt14-strips

| Sg initialization time | default | marked | naive       | psvn | psvn_split | watched |
|------------------------|---------|--------|-------------|------|------------|---------|
| p-1-5.pddl             | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p-1-6.pddl             | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p-1-7.pddl             | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p-1-8.pddl             | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p-1-9.pddl             | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p-1-10.pddl            | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p-1-11.pddl            | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p-1-12.pddl            | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p-1-13.pddl            | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p-1-14.pddl            | 0.00    | 0.01   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p-1-15.pddl            | 0.00    | 0.01   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p-1-16.pddl            | 0.00    | 0.01   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p-1-17.pddl            | 0.00    | 0.01   | <b>0.00</b> | 0.00 | 0.01       | 0.00    |
| p-1-18.pddl            | 0.00    | 0.02   | <b>0.00</b> | 0.01 | 0.01       | 0.00    |
| p-05-5.pddl            | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p-05-6.pddl            | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p-05-7.pddl            | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p-05-8.pddl            | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p-05-9.pddl            | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p-05-10.pddl           | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |

## woodworking-opt08-strips

| Sg initialization time | default | marked | naive       | psvn | psvn_split | watched |
|------------------------|---------|--------|-------------|------|------------|---------|
| p01.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.53       | 0.00    |
| p02.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.29       | 0.00    |
| p03.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 5.51       | 0.00    |
| p04.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 5.40       | 0.00    |
| p05.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 6.03       | 0.00    |
| p06.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 5.99       | 0.00    |
| p07.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 5.82       | 0.00    |
| p08.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 8.40       | 0.00    |
| p09.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 6.58       | 0.00    |
| p10.pddl               | 0.00    | 0.02   | <b>0.00</b> | None | 10.16      | 0.00    |
| p11.pddl               | 0.00    | 0.00   | <b>0.00</b> | 6.88 | 2.36       | 0.00    |
| p12.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 4.25       | 0.00    |
| p13.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 4.66       | 0.00    |
| p14.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 4.40       | 0.00    |
| p15.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 5.66       | 0.00    |
| p16.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 5.18       | 0.00    |
| p17.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 7.50       | 0.00    |
| p18.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 8.19       | 0.00    |
| p19.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 11.50      | 0.00    |
| p20.pddl               | 0.00    | 0.02   | <b>0.00</b> | None | 10.50      | 0.00    |
| p21.pddl               | 0.00    | 0.00   | <b>0.00</b> | 2.36 | 2.04       | 0.00    |
| p22.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.79       | 0.00    |
| p23.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 4.26       | 0.00    |
| p24.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 4.56       | 0.00    |
| p25.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 4.89       | 0.00    |
| p26.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 5.21       | 0.00    |
| p27.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 5.97       | 0.00    |
| p28.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 8.25       | 0.00    |
| p29.pddl               | 0.00    | 0.02   | <b>0.00</b> | None | 9.65       | 0.00    |
| p30.pddl               | 0.00    | 0.02   | <b>0.00</b> | None | 8.68       | 0.00    |

## woodworking-opt11-strips

| Sg initialization time | default | marked | naive       | psvn | psvn_split | watched |
|------------------------|---------|--------|-------------|------|------------|---------|
| p01.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 4.34       | 0.00    |
| p02.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 4.23       | 0.00    |
| p03.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 4.63       | 0.00    |
| p04.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 5.26       | 0.00    |
| p05.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 4.64       | 0.00    |
| p06.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 5.31       | 0.00    |
| p07.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 4.81       | 0.00    |
| p08.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 4.85       | 0.00    |
| p09.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 6.12       | 0.00    |
| p10.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 5.75       | 0.00    |
| p11.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 5.30       | 0.00    |
| p12.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 5.14       | 0.00    |
| p13.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 6.03       | 0.00    |
| p14.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 6.00       | 0.00    |
| p15.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 7.57       | 0.00    |
| p16.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 6.00       | 0.00    |
| p17.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 8.15       | 0.00    |
| p18.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 8.08       | 0.00    |
| p19.pddl               | 0.00    | 0.01   | <b>0.00</b> | None | 8.27       | 0.00    |
| p20.pddl               | 0.00    | 0.02   | <b>0.00</b> | None | 9.69       | 0.00    |

**zenotravel**

| Sg initialization time | default | marked | naive       | psvn | psvn_split | watched |
|------------------------|---------|--------|-------------|------|------------|---------|
| p01.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p02.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.00 | 0.00       | 0.00    |
| p03.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.32 | 0.47       | 0.00    |
| p04.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.32 | 0.51       | 0.00    |
| p05.pddl               | 0.00    | 0.00   | <b>0.00</b> | 0.97 | 1.22       | 0.00    |
| p06.pddl               | 0.00    | 0.00   | <b>0.00</b> | 5.59 | 1.81       | 0.00    |
| p07.pddl               | 0.00    | 0.00   | <b>0.00</b> | 5.60 | 1.73       | 0.00    |
| p08.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.53       | 0.00    |
| p09.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.54       | 0.00    |
| p10.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.94       | 0.00    |
| p11.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.60       | 0.00    |
| p12.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.88       | 0.00    |
| p13.pddl               | 0.00    | 0.00   | <b>0.00</b> | None | 2.95       | 0.00    |
| p14.pddl               | 0.00    | 0.03   | <b>0.00</b> | None | 4.13       | 0.00    |
| p15.pddl               | 0.00    | 0.06   | <b>0.00</b> | None | 4.19       | 0.00    |
| p16.pddl               | 0.00    | 0.10   | <b>0.00</b> | None | 4.93       | 0.00    |
| p17.pddl               | 0.01    | 0.17   | <b>0.00</b> | None | 9.26       | 0.00    |
| p18.pddl               | 0.01    | 0.25   | <b>0.00</b> | None | 5.74       | 0.00    |
| p19.pddl               | 0.01    | 0.41   | <b>0.00</b> | None | 8.06       | 0.00    |
| p20.pddl               | 0.01    | 0.54   | <b>0.00</b> | None | 11.26      | 0.00    |

## tot\_dur\_gao

| Tot dur gao                        | default     | marked      | naive | psvn        | psvn_split  | watched |
|------------------------------------|-------------|-------------|-------|-------------|-------------|---------|
| airport (9)                        | 0.01        | <b>0.01</b> | 0.01  | 0.01        | 0.01        | 0.08    |
| blocks (6)                         | <b>0.00</b> | 0.00        | 0.00  | 0.00        | 0.00        | 0.00    |
| depot (1)                          | <b>0.00</b> | 0.00        | 0.00  | 0.00        | 0.00        | 0.00    |
| driverlog (4)                      | <b>0.04</b> | 0.05        | 0.09  | 0.07        | 0.06        | 0.09    |
| elevators-opt08-strips (1)         | <b>0.01</b> | 0.02        | 0.05  | 0.03        | 0.02        | 0.03    |
| floortile-opt11-strips (4)         | <b>0.07</b> | 0.09        | 0.17  | 0.10        | 0.18        | 0.16    |
| floortile-opt14-strips (2)         | <b>0.03</b> | 0.05        | 0.09  | 0.04        | 0.09        | 0.09    |
| ged-opt14-strips (3)               | <b>0.00</b> | 0.00        | 0.00  | 0.00        | 0.00        | 0.00    |
| gripper (4)                        | 0.02        | 0.03        | 0.05  | 0.04        | <b>0.02</b> | 0.06    |
| hiking-opt14-strips (7)            | <b>0.10</b> | 0.24        | 0.84  | 0.11        | 0.15        | 0.34    |
| logistics00 (10)                   | <b>0.11</b> | 0.13        | 0.19  | 0.18        | 0.18        | 0.21    |
| logistics98 (2)                    | <b>0.03</b> | 0.04        | 0.07  | 0.04        | 0.04        | 0.06    |
| miconic (150)                      | 1.72        | 5.86        | 22.92 | <b>1.70</b> | 1.93        | 13.33   |
| mystery (4)                        | 0.00        | 0.00        | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| nomystery-opt11-strips (6)         | <b>0.05</b> | 0.11        | 0.51  | 0.07        | 0.10        | 0.11    |
| openstacks-opt08-strips (4)        | <b>0.01</b> | 0.02        | 0.03  | 0.02        | 0.02        | 0.04    |
| openstacks-strips (5)              | <b>0.03</b> | 0.05        | 0.08  | 0.04        | 0.05        | 0.09    |
| organic-synthesis-opt18-strips (4) | 0.00        | 0.00        | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| parcprinter-08-strips (7)          | 0.03        | 0.03        | 0.04  | <b>0.03</b> | 0.04        | 0.10    |
| parcprinter-opt11-strips (3)       | 0.03        | 0.02        | 0.03  | <b>0.02</b> | 0.03        | 0.07    |
| pegsol-08-strips (2)               | <b>0.00</b> | 0.00        | 0.00  | 0.00        | 0.00        | 0.00    |
| psr-small (45)                     | 0.18        | 2.47        | 1.81  | <b>0.14</b> | 0.36        | 1.52    |
| rovers (6)                         | <b>0.04</b> | 0.05        | 0.07  | 0.06        | 0.06        | 0.14    |
| satellite (5)                      | <b>0.05</b> | 0.07        | 0.13  | 0.06        | 0.08        | 0.14    |
| scanalyzer-08-strips (6)           | <b>0.05</b> | 0.09        | 0.21  | 0.05        | 0.05        | 0.15    |
| scanalyzer-opt11-strips (3)        | 0.03        | 0.05        | 0.12  | 0.03        | <b>0.03</b> | 0.10    |
| sokoban-opt08-strips (3)           | 0.01        | 0.01        | 0.01  | 0.01        | <b>0.00</b> | 0.02    |
| storage (7)                        | <b>0.00</b> | 0.00        | 0.00  | 0.00        | 0.00        | 0.00    |
| termes-opt18-strips (6)            | <b>0.07</b> | 0.19        | 0.52  | 0.09        | 0.23        | 0.23    |
| tpp (5)                            | <b>0.01</b> | 0.02        | 0.02  | 0.03        | 0.02        | 0.06    |
| transport-opt08-strips (6)         | <b>0.03</b> | 0.05        | 0.12  | 0.04        | 0.06        | 0.06    |
| transport-opt11-strips (1)         | <b>0.01</b> | 0.02        | 0.06  | 0.03        | 0.03        | 0.03    |
| transport-opt14-strips (1)         | <b>0.01</b> | 0.02        | 0.06  | 0.03        | 0.03        | 0.04    |
| trucks-strips (3)                  | <b>0.03</b> | 0.07        | 0.20  | 0.06        | 0.06        | 0.10    |
| visitall-opt11-strips (20)         | 0.16        | 0.28        | 0.53  | <b>0.15</b> | 0.20        | 2.40    |
| visitall-opt14-strips (20)         | 0.21        | 0.53        | 1.22  | <b>0.21</b> | 0.31        | 15.80   |
| woodworking-opt08-strips (2)       | <b>0.01</b> | 0.01        | 0.02  | 0.01        | 0.02        | 0.02    |
| zenotravel (7)                     | <b>0.06</b> | 0.10        | 0.28  | 0.10        | 0.10        | 0.17    |
| <b>Sum (384)</b>                   | <b>3.27</b> | 10.77       | 30.55 | 3.67        | 4.54        | 35.86   |

Only instances where all algorithms have a value for "tot\_dur\_gao" are considered. Each table entry gives the sum of "tot\_dur\_gao" for that domain. The last row reports the sum across all domains.

### agricola-opt18-strips

| Tot dur gao | default     | marked | naive | psvn | psvn_split | watched |
|-------------|-------------|--------|-------|------|------------|---------|
| p01.pddl    | <b>0.02</b> | 1.23   | 5.71  | None | 2.68       | 0.36    |
| p02.pddl    | <b>0.02</b> | 1.85   | 9.42  | None | 5.27       | 0.37    |
| p03.pddl    | <b>0.02</b> | 2.78   | 17.93 | None | None       | 0.38    |
| p04.pddl    | <b>0.02</b> | 1.37   | 4.09  | None | 5.50       | 0.44    |
| p05.pddl    | <b>0.02</b> | 2.40   | 11.01 | None | 11.26      | 0.44    |
| p06.pddl    | <b>0.02</b> | 3.23   | 27.14 | None | None       | 0.43    |
| p07.pddl    | <b>0.02</b> | 1.60   | 7.13  | None | 11.29      | 0.51    |
| p08.pddl    | <b>0.02</b> | 2.52   | 16.88 | None | None       | 0.49    |
| p09.pddl    | <b>0.02</b> | 3.85   | 28.84 | None | None       | 0.52    |
| p10.pddl    | <b>0.02</b> | 1.95   | 8.61  | None | None       | 0.58    |
| p11.pddl    | <b>0.02</b> | 2.94   | 18.70 | None | None       | 0.58    |
| p12.pddl    | <b>0.02</b> | 4.22   | 31.05 | None | None       | 0.58    |
| p13.pddl    | <b>0.02</b> | 2.08   | 10.64 | None | None       | 0.64    |
| p14.pddl    | <b>0.02</b> | 3.56   | 21.85 | None | None       | 0.64    |
| p15.pddl    | <b>0.02</b> | 4.73   | 35.68 | None | None       | 0.70    |
| p16.pddl    | <b>0.02</b> | 2.16   | 12.91 | None | None       | 0.70    |
| p17.pddl    | <b>0.02</b> | 3.61   | 24.19 | None | None       | 0.73    |
| p18.pddl    | <b>0.02</b> | 5.24   | 37.57 | None | None       | 0.67    |
| p19.pddl    | <b>0.02</b> | 2.59   | 15.84 | None | None       | 0.80    |
| p20.pddl    | <b>0.02</b> | 3.95   | 28.28 | None | 66.79      | 0.76    |

## airport

| Tot dur gao                  | default     | marked      | naive | psvn        | psvn_split  | watched |
|------------------------------|-------------|-------------|-------|-------------|-------------|---------|
| p01-airport1-p1.pddl         | 0.00        | 0.00        | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| p02-airport1-p1.pddl         | 0.00        | 0.00        | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| p03-airport1-p2.pddl         | 0.00        | <b>0.00</b> | 0.00  | 0.00        | 0.00        | 0.00    |
| p04-airport2-p1.pddl         | 0.00        | 0.00        | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| p05-airport2-p1.pddl         | 0.00        | 0.00        | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| p06-airport2-p2.pddl         | 0.00        | <b>0.00</b> | 0.00  | 0.01        | 0.00        | 0.04    |
| p07-airport2-p2.pddl         | 0.00        | <b>0.00</b> | 0.00  | 0.01        | 0.00        | 0.04    |
| p08-airport2-p3.pddl         | 0.07        | <b>0.05</b> | 0.08  | None        | None        | 0.88    |
| p09-airport2-p4.pddl         | 0.08        | 0.07        | 0.09  | None        | <b>0.00</b> | 1.37    |
| p10-airport3-p1.pddl         | 0.00        | 0.00        | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| p11-airport3-p1.pddl         | 0.00        | 0.00        | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| p12-airport3-p2.pddl         | 0.00        | 0.00        | 0.01  | None        | <b>0.00</b> | 0.05    |
| p13-airport3-p2.pddl         | 0.00        | 0.00        | 0.00  | None        | <b>0.00</b> | 0.05    |
| p14-airport3-p3.pddl         | 0.07        | 0.06        | 0.09  | None        | <b>0.00</b> | 1.06    |
| p15-airport3-p3.pddl         | 0.08        | 0.06        | 0.09  | None        | <b>0.02</b> | 1.09    |
| p16-airport3-p4.pddl         | 0.10        | <b>0.08</b> | 0.12  | None        | None        | 1.61    |
| p17-airport3-p5.pddl         | 0.12        | 0.10        | 0.15  | None        | <b>0.06</b> | 2.22    |
| p18-airport3-p6.pddl         | 0.14        | <b>0.13</b> | 0.19  | None        | 3.31        | 3.08    |
| p19-airport3-p6.pddl         | 0.11        | <b>0.10</b> | 0.15  | None        | None        | 2.58    |
| p20-airport3-p7.pddl         | 0.16        | <b>0.15</b> | 0.24  | None        | None        | 3.87    |
| p21-airport4halfMUC-p2.pddl  | 0.29        | <b>0.16</b> | 0.29  | None        | None        | 11.25   |
| p22-airport4halfMUC-p3.pddl  | 0.36        | <b>0.24</b> | 0.45  | None        | None        | 19.94   |
| p23-airport4halfMUC-p4.pddl  | 0.42        | 0.34        | 0.63  | None        | <b>0.15</b> | 30.79   |
| p24-airport4halfMUC-p4.pddl  | 0.58        | <b>0.37</b> | 0.65  | None        | None        | 30.75   |
| p25-airport4halfMUC-p5.pddl  | 0.63        | <b>0.47</b> | 0.87  | None        | None        | 45.18   |
| p26-airport4halfMUC-p6.pddl  | 0.68        | <b>0.60</b> | 1.14  | None        | None        | 60.58   |
| p27-airport4halfMUC-p6.pddl  | 0.81        | <b>0.65</b> | 1.10  | None        | None        | 62.00   |
| p28-airport4halfMUC-p7.pddl  | 0.86        | <b>0.79</b> | 1.32  | None        | None        | 78.43   |
| p29-airport4halfMUC-p8.pddl  | <b>0.91</b> | 0.94        | 1.73  | None        | None        | 99.20   |
| p30-airport4halfMUC-p8.pddl  | 1.01        | <b>0.98</b> | 1.47  | None        | None        | 100.78  |
| p31-airport4halfMUC-p9.pddl  | <b>1.03</b> | 1.09        | 1.84  | None        | None        | 124.96  |
| p32-airport4halfMUC-p10.pddl | <b>1.08</b> | 1.34        | 2.07  | None        | None        | 150.93  |
| p33-airport4halfMUC-p10.pddl | <b>1.18</b> | 1.36        | 1.87  | None        | None        | 152.24  |
| p34-airport4halfMUC-p11.pddl | <b>1.20</b> | 1.53        | 2.37  | None        | None        | 176.81  |
| p35-airport4halfMUC-p12.pddl | <b>1.21</b> | 1.74        | 2.77  | None        | None        | 207.61  |
| p36-airport5MUC-p2.pddl      | 0.39        | <b>0.20</b> | 0.40  | None        | None        | 18.86   |
| p37-airport5MUC-p3.pddl      | 0.70        | <b>0.34</b> | 0.66  | None        | None        | 33.52   |
| p38-airport5MUC-p3.pddl      | 0.58        | <b>0.35</b> | 0.65  | None        | None        | 33.38   |
| p39-airport5MUC-p4.pddl      | 0.85        | <b>0.51</b> | 0.87  | None        | None        | 52.09   |
| p40-airport5MUC-p4.pddl      | 0.77        | <b>0.50</b> | 0.92  | None        | None        | 51.80   |
| p41-airport5MUC-p4.pddl      | 0.66        | <b>0.48</b> | 0.93  | None        | None        | 52.42   |
| p42-airport5MUC-p5.pddl      | 0.94        | <b>0.67</b> | 1.08  | None        | None        | 75.39   |
| p43-airport5MUC-p5.pddl      | 0.86        | <b>0.65</b> | 1.18  | None        | None        | 75.87   |



### barman-opt11-strips

| Tot dur gao      | default     | marked | naive | psvn | psvn_split | watched |
|------------------|-------------|--------|-------|------|------------|---------|
| pfile01-001.pddl | <b>0.01</b> | 0.03   | 0.06  | None | 0.08       | 0.18    |
| pfile01-002.pddl | <b>0.01</b> | 0.03   | 0.06  | None | 0.09       | 0.19    |
| pfile01-003.pddl | <b>0.01</b> | 0.03   | 0.06  | None | 0.08       | 0.19    |
| pfile01-004.pddl | <b>0.01</b> | 0.03   | 0.06  | None | 0.08       | 0.20    |
| pfile02-005.pddl | <b>0.02</b> | 0.04   | 0.08  | None | 0.10       | 0.29    |
| pfile02-006.pddl | <b>0.02</b> | 0.04   | 0.07  | None | 0.11       | 0.29    |
| pfile02-007.pddl | <b>0.02</b> | 0.04   | 0.07  | None | 0.10       | 0.28    |
| pfile02-008.pddl | <b>0.02</b> | 0.04   | 0.08  | None | 0.10       | 0.29    |
| pfile03-009.pddl | <b>0.02</b> | 0.05   | 0.09  | None | 0.12       | 0.43    |
| pfile03-010.pddl | <b>0.02</b> | 0.05   | 0.09  | None | 0.12       | 0.42    |
| pfile03-011.pddl | <b>0.02</b> | 0.05   | 0.09  | None | 0.11       | 0.42    |
| pfile03-012.pddl | <b>0.02</b> | 0.05   | 0.09  | None | 0.12       | 0.41    |
| pfile04-013.pddl | <b>0.02</b> | 0.06   | 0.12  | None | 0.45       | 0.72    |
| pfile04-014.pddl | <b>0.02</b> | 0.06   | 0.12  | None | 0.45       | 0.73    |
| pfile04-015.pddl | <b>0.02</b> | 0.06   | 0.13  | None | 0.45       | 0.74    |
| pfile04-016.pddl | <b>0.02</b> | 0.06   | 0.13  | None | 0.45       | 0.76    |
| pfile05-017.pddl | <b>0.02</b> | 0.07   | 0.15  | None | 0.55       | 0.99    |
| pfile05-018.pddl | <b>0.01</b> | 0.07   | 0.16  | None | 0.54       | 0.98    |
| pfile05-019.pddl | <b>0.01</b> | 0.07   | 0.15  | None | 0.53       | 0.97    |
| pfile05-020.pddl | <b>0.01</b> | 0.06   | 0.14  | None | 0.54       | 0.97    |

### barman-opt14-strips

| Tot dur gao | default     | marked | naive | psvn | psvn_split | watched |
|-------------|-------------|--------|-------|------|------------|---------|
| p435-1.pddl | <b>0.02</b> | 0.04   | 0.07  | None | 0.10       | 0.28    |
| p435-2.pddl | <b>0.02</b> | 0.04   | 0.08  | None | 0.10       | 0.27    |
| p435-3.pddl | <b>0.01</b> | 0.04   | 0.08  | None | 0.10       | 0.29    |
| p536-1.pddl | <b>0.02</b> | 0.05   | 0.09  | None | 0.12       | 0.42    |
| p536-2.pddl | <b>0.02</b> | 0.05   | 0.09  | None | 0.12       | 0.43    |
| p536-3.pddl | <b>0.02</b> | 0.05   | 0.09  | None | 0.12       | 0.42    |
| p638-1.pddl | <b>0.02</b> | 0.06   | 0.13  | None | 0.47       | 0.72    |
| p638-2.pddl | <b>0.02</b> | 0.06   | 0.14  | None | 0.47       | 0.71    |
| p638-3.pddl | <b>0.02</b> | 0.06   | 0.12  | None | 0.43       | 0.72    |
| p739-1.pddl | <b>0.02</b> | 0.07   | 0.15  | None | 0.55       | 0.96    |
| p739-2.pddl | <b>0.02</b> | 0.07   | 0.15  | None | 0.55       | 0.97    |
| p739-3.pddl | <b>0.02</b> | 0.07   | 0.15  | None | 0.56       | 0.95    |
| p839-1.pddl | <b>0.02</b> | 0.07   | 0.16  | None | 0.55       | 1.07    |
| p839-2.pddl | <b>0.02</b> | 0.07   | 0.16  | None | 0.58       | 1.08    |

## blocks

| Tot dur gao          | default     | marked | naive | psvn | psvn_split  | watched |
|----------------------|-------------|--------|-------|------|-------------|---------|
| probBLOCKS-4-0.pddl  | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.00        | 0.00    |
| probBLOCKS-4-1.pddl  | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.00        | 0.00    |
| probBLOCKS-4-2.pddl  | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.00        | 0.00    |
| probBLOCKS-5-0.pddl  | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.00        | 0.00    |
| probBLOCKS-5-1.pddl  | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.00        | 0.00    |
| probBLOCKS-5-2.pddl  | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.00        | 0.00    |
| probBLOCKS-6-0.pddl  | 0.00        | 0.00   | 0.00  | None | <b>0.00</b> | 0.00    |
| probBLOCKS-6-1.pddl  | <b>0.01</b> | 0.01   | 0.01  | None | 0.01        | 0.01    |
| probBLOCKS-6-2.pddl  | 0.01        | 0.01   | 0.01  | None | <b>0.00</b> | 0.02    |
| probBLOCKS-7-0.pddl  | 0.01        | 0.02   | 0.03  | None | <b>0.00</b> | 0.03    |
| probBLOCKS-7-1.pddl  | 0.01        | 0.02   | 0.03  | None | <b>0.00</b> | 0.03    |
| probBLOCKS-7-2.pddl  | 0.01        | 0.02   | 0.03  | None | <b>0.00</b> | 0.03    |
| probBLOCKS-8-0.pddl  | 0.01        | 0.02   | 0.03  | None | <b>0.01</b> | 0.03    |
| probBLOCKS-8-1.pddl  | <b>0.01</b> | 0.02   | 0.03  | None | 0.06        | 0.04    |
| probBLOCKS-8-2.pddl  | 0.01        | 0.02   | 0.04  | None | <b>0.00</b> | 0.04    |
| probBLOCKS-9-0.pddl  | 0.02        | 0.02   | 0.04  | None | <b>0.00</b> | 0.04    |
| probBLOCKS-9-1.pddl  | 0.02        | 0.02   | 0.04  | None | <b>0.00</b> | 0.04    |
| probBLOCKS-9-2.pddl  | <b>0.02</b> | 0.02   | 0.04  | None | 0.03        | 0.04    |
| probBLOCKS-10-0.pddl | 0.02        | 0.02   | 0.05  | None | <b>0.00</b> | 0.04    |
| probBLOCKS-10-1.pddl | <b>0.02</b> | 0.02   | 0.05  | None | 0.07        | 0.04    |
| probBLOCKS-10-2.pddl | 0.02        | 0.02   | 0.05  | None | <b>0.00</b> | 0.04    |
| probBLOCKS-11-0.pddl | <b>0.02</b> | 0.02   | 0.05  | None | 0.10        | 0.05    |
| probBLOCKS-11-1.pddl | <b>0.02</b> | 0.02   | 0.06  | None | 0.11        | 0.05    |
| probBLOCKS-11-2.pddl | 0.02        | 0.02   | 0.05  | None | <b>0.01</b> | 0.05    |
| probBLOCKS-12-0.pddl | 0.02        | 0.02   | 0.06  | None | <b>0.00</b> | 0.05    |
| probBLOCKS-12-1.pddl | 0.02        | 0.02   | 0.06  | None | <b>0.00</b> | 0.05    |
| probBLOCKS-13-0.pddl | 0.02        | 0.03   | 0.07  | None | <b>0.00</b> | 0.05    |
| probBLOCKS-13-1.pddl | 0.02        | 0.03   | 0.07  | None | <b>0.00</b> | 0.06    |
| probBLOCKS-14-0.pddl | <b>0.02</b> | 0.03   | 0.08  | None | 0.02        | 0.06    |
| probBLOCKS-14-1.pddl | <b>0.02</b> | 0.03   | 0.08  | None | 0.08        | 0.06    |
| probBLOCKS-15-0.pddl | <b>0.02</b> | 0.03   | 0.09  | None | 0.09        | 0.07    |
| probBLOCKS-15-1.pddl | 0.02        | 0.03   | 0.08  | None | <b>0.00</b> | 0.07    |
| probBLOCKS-16-1.pddl | <b>0.02</b> | 0.03   | 0.09  | None | 0.28        | 0.08    |
| probBLOCKS-16-2.pddl | <b>0.02</b> | 0.03   | 0.09  | None | 0.28        | 0.08    |
| probBLOCKS-17-0.pddl | <b>0.02</b> | 0.03   | 0.11  | None | 0.29        | 0.09    |

## childsnack-opt14-strips

| Tot dur gao                | default | marked      | naive | psvn | psvn_split | watched |
|----------------------------|---------|-------------|-------|------|------------|---------|
| child-snack_pfile01-2.pddl | 0.06    | <b>0.05</b> | 0.11  | None | 0.17       | 0.23    |
| child-snack_pfile01.pddl   | 0.06    | <b>0.05</b> | 0.11  | None | 0.16       | 0.22    |
| child-snack_pfile02-2.pddl | 0.11    | <b>0.08</b> | 0.18  | None | 0.38       | 0.37    |
| child-snack_pfile02.pddl   | 0.11    | <b>0.08</b> | 0.18  | None | 0.35       | 0.36    |
| child-snack_pfile03-2.pddl | 0.15    | <b>0.12</b> | 0.26  | None | 0.75       | 0.60    |
| child-snack_pfile03.pddl   | 0.15    | <b>0.12</b> | 0.27  | None | 0.71       | 0.62    |
| child-snack_pfile04-2.pddl | 0.21    | <b>0.15</b> | 0.37  | None | 0.84       | 0.90    |
| child-snack_pfile04.pddl   | 0.21    | <b>0.15</b> | 0.37  | None | 0.98       | 0.95    |
| child-snack_pfile05-2.pddl | 0.28    | <b>0.19</b> | 0.52  | None | 1.05       | 1.37    |
| child-snack_pfile05.pddl   | 0.27    | <b>0.20</b> | 0.53  | None | 1.36       | 1.31    |
| child-snack_pfile06-2.pddl | 0.35    | <b>0.28</b> | 0.69  | None | None       | 1.82    |
| child-snack_pfile06.pddl   | 0.35    | <b>0.28</b> | 0.71  | None | None       | 1.86    |
| child-snack_pfile07-2.pddl | 0.46    | <b>0.34</b> | 0.86  | None | 3.94       | 2.70    |
| child-snack_pfile07.pddl   | 0.46    | <b>0.34</b> | 0.86  | None | 4.00       | 2.37    |
| child-snack_pfile08-2.pddl | 0.60    | <b>0.46</b> | 1.12  | None | None       | 3.27    |
| child-snack_pfile08.pddl   | 0.61    | <b>0.49</b> | 1.12  | None | None       | 3.12    |
| child-snack_pfile09-2.pddl | 0.75    | <b>0.59</b> | 1.47  | None | None       | 4.10    |
| child-snack_pfile09.pddl   | 0.71    | <b>0.59</b> | 1.43  | None | None       | 5.86    |
| child-snack_pfile10-2.pddl | 0.99    | <b>0.72</b> | 1.82  | None | 6.88       | 5.03    |
| child-snack_pfile10.pddl   | 0.87    | <b>0.74</b> | 1.81  | None | 6.16       | 5.11    |

# data-network-opt18-strips

| Tot dur gao | default     | marked | naive | psvn | psvn_split | watched |
|-------------|-------------|--------|-------|------|------------|---------|
| p01.pddl    | <b>0.01</b> | 0.02   | 0.06  | None | 0.10       | 0.04    |
| p02.pddl    | <b>0.01</b> | 0.02   | 0.05  | None | 0.12       | 0.04    |
| p03.pddl    | <b>0.03</b> | 0.06   | 0.17  | None | 0.57       | 0.13    |
| p04.pddl    | <b>0.03</b> | 0.08   | 0.25  | None | 0.61       | 0.16    |
| p05.pddl    | <b>0.03</b> | 0.07   | 0.22  | None | 0.54       | 0.16    |
| p06.pddl    | <b>0.03</b> | 0.08   | 0.25  | None | 0.66       | 0.19    |
| p07.pddl    | <b>0.03</b> | 0.09   | 0.28  | None | 1.33       | 0.23    |
| p08.pddl    | <b>0.03</b> | 0.08   | 0.25  | None | 1.00       | 0.24    |
| p09.pddl    | <b>0.03</b> | 0.06   | 0.17  | None | 0.31       | 0.12    |
| p10.pddl    | <b>0.03</b> | 0.07   | 0.19  | None | 0.47       | 0.16    |
| p11.pddl    | <b>0.01</b> | 0.04   | 0.11  | None | 0.25       | 0.09    |
| p12.pddl    | <b>0.03</b> | 0.08   | 0.26  | None | 0.60       | 0.22    |
| p13.pddl    | <b>0.04</b> | 0.08   | 0.27  | None | 0.80       | 0.27    |
| p14.pddl    | <b>0.04</b> | 0.11   | 0.36  | None | 1.64       | 0.31    |
| p15.pddl    | <b>0.04</b> | 0.10   | 0.30  | None | 1.21       | 0.26    |
| p16.pddl    | <b>0.04</b> | 0.11   | 0.35  | None | 1.47       | 0.36    |
| p17.pddl    | <b>0.05</b> | 0.14   | 0.44  | None | 1.81       | 0.43    |
| p18.pddl    | <b>0.05</b> | 0.14   | 0.45  | None | 1.88       | 0.53    |
| p19.pddl    | <b>0.06</b> | 0.17   | 0.55  | None | 2.19       | 0.68    |
| p20.pddl    | <b>0.06</b> | 0.18   | 0.59  | None | 3.79       | 0.77    |

## depot

| Tot dur gao | default     | marked | naive | psvn | psvn_split | watched |
|-------------|-------------|--------|-------|------|------------|---------|
| p01.pddl    | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.00       | 0.00    |
| p02.pddl    | <b>0.02</b> | 0.02   | 0.04  | None | 0.06       | 0.05    |
| p03.pddl    | <b>0.02</b> | 0.04   | 0.06  | None | 0.05       | 0.06    |
| p04.pddl    | <b>0.02</b> | 0.04   | 0.10  | None | 0.12       | 0.08    |
| p05.pddl    | <b>0.02</b> | 0.05   | 0.15  | None | 0.36       | 0.10    |
| p06.pddl    | <b>0.03</b> | 0.07   | 0.32  | None | 0.89       | 0.16    |
| p07.pddl    | <b>0.02</b> | 0.03   | 0.08  | None | 0.16       | 0.07    |
| p08.pddl    | <b>0.03</b> | 0.06   | 0.17  | None | 0.37       | 0.11    |
| p09.pddl    | <b>0.03</b> | 0.09   | 0.36  | None | 1.92       | 0.17    |
| p10.pddl    | <b>0.03</b> | 0.05   | 0.13  | None | 0.54       | 0.08    |
| p11.pddl    | <b>0.03</b> | 0.08   | 0.31  | None | 1.34       | 0.13    |
| p12.pddl    | <b>0.03</b> | 0.14   | 0.58  | None | 3.62       | 0.18    |
| p13.pddl    | <b>0.03</b> | 0.06   | 0.17  | None | 0.61       | 0.10    |
| p14.pddl    | <b>0.03</b> | 0.11   | 0.35  | None | 1.55       | 0.14    |
| p15.pddl    | <b>0.04</b> | 0.17   | 0.68  | None | 3.82       | 0.20    |
| p16.pddl    | <b>0.05</b> | 0.08   | 0.27  | None | 0.78       | 0.11    |
| p17.pddl    | <b>0.06</b> | 0.14   | 0.53  | None | 1.85       | 0.16    |
| p18.pddl    | <b>0.08</b> | 0.25   | 1.00  | None | 4.15       | 0.23    |
| p19.pddl    | <b>0.04</b> | 0.12   | 0.40  | None | 1.65       | 0.14    |
| p20.pddl    | <b>0.05</b> | 0.23   | 0.91  | None | None       | 0.23    |
| p21.pddl    | <b>0.09</b> | 0.38   | 1.31  | None | None       | 0.28    |
| p22.pddl    | <b>0.11</b> | 1.02   | 3.52  | None | 41.44      | 0.46    |

## driverlog

| Tot dur gao | default     | marked | naive | psvn | psvn_split  | watched |
|-------------|-------------|--------|-------|------|-------------|---------|
| p01.pddl    | 0.00        | 0.00   | 0.00  | 0.00 | <b>0.00</b> | 0.00    |
| p02.pddl    | <b>0.01</b> | 0.02   | 0.03  | 0.02 | 0.02        | 0.03    |
| p03.pddl    | <b>0.01</b> | 0.02   | 0.03  | 0.02 | 0.02        | 0.03    |
| p04.pddl    | <b>0.02</b> | 0.02   | 0.03  | 0.03 | 0.03        | 0.03    |
| p05.pddl    | <b>0.02</b> | 0.02   | 0.04  | None | 0.02        | 0.03    |
| p06.pddl    | <b>0.02</b> | 0.02   | 0.04  | None | 0.03        | 0.04    |
| p07.pddl    | <b>0.02</b> | 0.02   | 0.05  | None | 0.03        | 0.04    |
| p08.pddl    | <b>0.02</b> | 0.02   | 0.05  | None | 0.05        | 0.04    |
| p09.pddl    | <b>0.02</b> | 0.03   | 0.06  | None | 0.04        | 0.04    |
| p10.pddl    | <b>0.02</b> | 0.03   | 0.08  | None | 0.07        | 0.04    |
| p11.pddl    | <b>0.02</b> | 0.03   | 0.09  | None | 0.04        | 0.03    |
| p12.pddl    | <b>0.02</b> | 0.03   | 0.14  | None | 0.06        | 0.03    |
| p13.pddl    | <b>0.02</b> | 0.03   | 0.15  | None | 0.12        | 0.03    |
| p14.pddl    | <b>0.02</b> | 0.04   | 0.17  | None | 0.39        | 0.04    |
| p15.pddl    | <b>0.02</b> | 0.07   | 0.35  | None | 1.78        | 0.04    |
| p16.pddl    | <b>0.03</b> | 0.13   | 0.64  | None | 3.99        | 0.06    |
| p17.pddl    | <b>0.04</b> | 0.15   | 0.76  | None | 4.58        | 0.08    |
| p18.pddl    | <b>0.04</b> | 0.20   | 1.10  | None | 9.51        | 0.08    |
| p19.pddl    | <b>0.05</b> | 0.24   | 1.28  | None | 13.32       | 0.11    |
| p20.pddl    | <b>0.06</b> | 0.32   | 1.99  | None | None        | 0.13    |

# elevators-opt08-strips

| Tot dur gao | default     | marked | naive | psvn | psvn_split | watched |
|-------------|-------------|--------|-------|------|------------|---------|
| p01.pddl    | <b>0.01</b> | 0.02   | 0.05  | 0.03 | 0.02       | 0.03    |
| p02.pddl    | <b>0.02</b> | 0.03   | 0.07  | None | 0.05       | 0.04    |
| p03.pddl    | <b>0.01</b> | 0.03   | 0.06  | None | 0.03       | 0.03    |
| p04.pddl    | <b>0.02</b> | 0.03   | 0.08  | None | 0.04       | 0.04    |
| p05.pddl    | <b>0.01</b> | 0.03   | 0.07  | None | 0.03       | 0.04    |
| p06.pddl    | <b>0.02</b> | 0.03   | 0.10  | None | 0.05       | 0.04    |
| p07.pddl    | <b>0.02</b> | 0.03   | 0.08  | None | 0.04       | 0.04    |
| p08.pddl    | <b>0.02</b> | 0.03   | 0.12  | None | 0.06       | 0.04    |
| p09.pddl    | <b>0.02</b> | 0.03   | 0.09  | None | 0.05       | 0.04    |
| p10.pddl    | <b>0.02</b> | 0.04   | 0.13  | None | 0.08       | 0.05    |
| p11.pddl    | <b>0.01</b> | 0.03   | 0.06  | None | 0.03       | 0.03    |
| p12.pddl    | <b>0.02</b> | 0.03   | 0.08  | None | 0.04       | 0.04    |
| p13.pddl    | <b>0.02</b> | 0.03   | 0.08  | None | 0.03       | 0.03    |
| p14.pddl    | <b>0.02</b> | 0.03   | 0.09  | None | 0.05       | 0.04    |
| p15.pddl    | <b>0.02</b> | 0.03   | 0.08  | None | 0.05       | 0.04    |
| p16.pddl    | <b>0.02</b> | 0.03   | 0.11  | None | 0.07       | 0.04    |
| p17.pddl    | <b>0.02</b> | 0.03   | 0.10  | None | 0.05       | 0.04    |
| p18.pddl    | <b>0.02</b> | 0.04   | 0.13  | None | 0.07       | 0.04    |
| p19.pddl    | <b>0.02</b> | 0.04   | 0.11  | None | 0.05       | 0.04    |
| p20.pddl    | <b>0.02</b> | 0.04   | 0.15  | None | 0.07       | 0.05    |
| p21.pddl    | <b>0.02</b> | 0.03   | 0.07  | None | 0.03       | 0.03    |
| p22.pddl    | <b>0.02</b> | 0.03   | 0.09  | None | 0.04       | 0.04    |
| p23.pddl    | <b>0.02</b> | 0.03   | 0.08  | None | 0.04       | 0.04    |
| p24.pddl    | <b>0.02</b> | 0.04   | 0.12  | None | 0.06       | 0.04    |
| p25.pddl    | <b>0.02</b> | 0.03   | 0.10  | None | 0.05       | 0.04    |
| p26.pddl    | <b>0.02</b> | 0.04   | 0.14  | None | 0.07       | 0.05    |
| p27.pddl    | <b>0.02</b> | 0.04   | 0.12  | None | 0.05       | 0.04    |
| p28.pddl    | <b>0.02</b> | 0.04   | 0.17  | None | 0.07       | 0.05    |
| p29.pddl    | <b>0.02</b> | 0.04   | 0.14  | None | 0.04       | 0.04    |
| p30.pddl    | <b>0.02</b> | 0.05   | 0.18  | None | 0.05       | 0.05    |

# elevators-opt11-strips

| Tot dur gao | default     | marked | naive | psvn | psvn_split | watched |
|-------------|-------------|--------|-------|------|------------|---------|
| p01.pddl    | <b>0.02</b> | 0.03   | 0.06  | None | 0.03       | 0.03    |
| p02.pddl    | <b>0.02</b> | 0.03   | 0.07  | None | 0.03       | 0.04    |
| p03.pddl    | <b>0.02</b> | 0.03   | 0.08  | None | 0.05       | 0.04    |
| p04.pddl    | <b>0.02</b> | 0.02   | 0.06  | None | 0.03       | 0.03    |
| p05.pddl    | <b>0.02</b> | 0.03   | 0.07  | None | 0.03       | 0.04    |
| p06.pddl    | <b>0.02</b> | 0.03   | 0.08  | None | 0.04       | 0.04    |
| p07.pddl    | <b>0.02</b> | 0.04   | 0.14  | None | 0.07       | 0.05    |
| p08.pddl    | <b>0.01</b> | 0.03   | 0.07  | None | 0.03       | 0.04    |
| p09.pddl    | <b>0.02</b> | 0.03   | 0.10  | None | 0.03       | 0.04    |
| p10.pddl    | <b>0.02</b> | 0.03   | 0.10  | None | 0.05       | 0.04    |
| p11.pddl    | <b>0.02</b> | 0.04   | 0.16  | None | 0.08       | 0.05    |
| p12.pddl    | <b>0.02</b> | 0.03   | 0.10  | None | 0.05       | 0.04    |
| p13.pddl    | <b>0.02</b> | 0.03   | 0.08  | None | 0.04       | 0.04    |
| p14.pddl    | <b>0.02</b> | 0.04   | 0.12  | None | 0.06       | 0.04    |
| p15.pddl    | <b>0.02</b> | 0.03   | 0.09  | None | 0.05       | 0.04    |
| p16.pddl    | <b>0.02</b> | 0.03   | 0.08  | None | 0.05       | 0.04    |
| p17.pddl    | <b>0.02</b> | 0.03   | 0.10  | None | 0.05       | 0.04    |
| p18.pddl    | <b>0.02</b> | 0.04   | 0.13  | None | 0.08       | 0.04    |
| p19.pddl    | <b>0.02</b> | 0.03   | 0.08  | None | 0.05       | 0.04    |
| p20.pddl    | <b>0.02</b> | 0.04   | 0.12  | None | 0.07       | 0.04    |



## floortile-opt11-strips

| Tot dur gao      | default     | marked | naive | psvn | psvn_split | watched |
|------------------|-------------|--------|-------|------|------------|---------|
| opt-p01-001.pddl | <b>0.02</b> | 0.02   | 0.04  | 0.02 | 0.04       | 0.04    |
| opt-p01-002.pddl | <b>0.02</b> | 0.02   | 0.04  | 0.03 | 0.05       | 0.04    |
| opt-p02-003.pddl | <b>0.02</b> | 0.02   | 0.05  | 0.02 | 0.04       | 0.05    |
| opt-p02-004.pddl | <b>0.02</b> | 0.02   | 0.04  | 0.02 | 0.05       | 0.04    |
| opt-p03-005.pddl | <b>0.02</b> | 0.03   | 0.05  | None | 0.09       | 0.05    |
| opt-p03-006.pddl | <b>0.02</b> | 0.03   | 0.05  | None | 0.08       | 0.05    |
| opt-p04-007.pddl | <b>0.02</b> | 0.03   | 0.05  | None | 0.08       | 0.05    |
| opt-p04-008.pddl | <b>0.02</b> | 0.03   | 0.05  | None | 0.09       | 0.05    |
| opt-p05-009.pddl | <b>0.02</b> | 0.03   | 0.06  | None | 0.09       | 0.07    |
| opt-p05-010.pddl | <b>0.02</b> | 0.03   | 0.06  | None | 0.08       | 0.06    |
| opt-p06-011.pddl | <b>0.02</b> | 0.03   | 0.07  | None | 0.09       | 0.08    |
| opt-p06-012.pddl | <b>0.02</b> | 0.03   | 0.07  | None | 0.09       | 0.08    |
| opt-p07-013.pddl | <b>0.02</b> | 0.04   | 0.08  | None | 0.19       | 0.09    |
| opt-p07-014.pddl | <b>0.02</b> | 0.03   | 0.07  | None | 0.17       | 0.08    |
| opt-p08-015.pddl | <b>0.03</b> | 0.05   | 0.13  | None | 0.40       | 0.11    |
| opt-p08-016.pddl | <b>0.03</b> | 0.05   | 0.13  | None | 0.41       | 0.12    |
| opt-p09-017.pddl | <b>0.03</b> | 0.07   | 0.21  | None | 0.40       | 0.15    |
| opt-p09-018.pddl | <b>0.03</b> | 0.07   | 0.21  | None | 0.42       | 0.15    |
| opt-p10-019.pddl | <b>0.03</b> | 0.06   | 0.16  | None | 0.36       | 0.14    |
| opt-p10-020.pddl | <b>0.03</b> | 0.06   | 0.15  | None | 0.37       | 0.14    |

## floortile-opt14-strips

| Tot dur gao    | default     | marked | naive | psvn | psvn_split | watched |
|----------------|-------------|--------|-------|------|------------|---------|
| p01-4-3-2.pddl | <b>0.02</b> | 0.02   | 0.04  | 0.02 | 0.04       | 0.04    |
| p01-4-4-2.pddl | <b>0.02</b> | 0.03   | 0.05  | None | 0.09       | 0.05    |
| p01-5-3-2.pddl | <b>0.02</b> | 0.03   | 0.05  | None | 0.08       | 0.05    |
| p01-5-4-2.pddl | <b>0.02</b> | 0.03   | 0.06  | None | 0.08       | 0.06    |
| p01-5-5-2.pddl | <b>0.02</b> | 0.03   | 0.07  | None | 0.18       | 0.09    |
| p01-6-4-2.pddl | <b>0.02</b> | 0.03   | 0.07  | None | 0.09       | 0.08    |
| p01-6-5-2.pddl | <b>0.02</b> | 0.04   | 0.09  | None | 0.19       | 0.10    |
| p02-4-4-2.pddl | <b>0.02</b> | 0.03   | 0.05  | None | 0.08       | 0.05    |
| p02-5-3-2.pddl | <b>0.02</b> | 0.02   | 0.05  | None | 0.07       | 0.05    |
| p02-5-4-2.pddl | <b>0.02</b> | 0.03   | 0.06  | None | 0.09       | 0.06    |
| p02-5-5-2.pddl | <b>0.02</b> | 0.04   | 0.08  | None | 0.18       | 0.09    |
| p02-6-4-2.pddl | <b>0.02</b> | 0.03   | 0.07  | None | 0.09       | 0.08    |
| p02-6-5-2.pddl | <b>0.02</b> | 0.04   | 0.09  | None | 0.18       | 0.10    |
| p03-4-3-2.pddl | <b>0.02</b> | 0.02   | 0.04  | 0.02 | 0.05       | 0.04    |
| p03-4-4-2.pddl | <b>0.02</b> | 0.03   | 0.05  | None | 0.09       | 0.05    |
| p03-5-3-2.pddl | <b>0.02</b> | 0.03   | 0.05  | None | 0.08       | 0.05    |
| p03-5-4-2.pddl | <b>0.02</b> | 0.03   | 0.06  | None | 0.08       | 0.06    |
| p03-5-5-2.pddl | <b>0.02</b> | 0.04   | 0.08  | None | 0.18       | 0.09    |
| p03-6-4-2.pddl | <b>0.02</b> | 0.03   | 0.07  | None | 0.08       | 0.08    |
| p03-6-5-2.pddl | <b>0.02</b> | 0.04   | 0.09  | None | 0.18       | 0.10    |

# freecell

| Tot dur gao           | default     | marked | naive | psvn | psvn_split | watched |
|-----------------------|-------------|--------|-------|------|------------|---------|
| p01.pddl              | <b>0.01</b> | 0.01   | 0.04  | None | 0.05       | 0.02    |
| p02.pddl              | <b>0.03</b> | 0.06   | 0.20  | None | 0.28       | 0.09    |
| p03.pddl              | <b>0.03</b> | 0.07   | 0.29  | None | 0.67       | 0.11    |
| p04.pddl              | <b>0.03</b> | 0.08   | 0.36  | None | 1.62       | 0.14    |
| p05.pddl              | <b>0.03</b> | 0.10   | 0.51  | None | 3.46       | 0.18    |
| p06.pddl              | <b>0.04</b> | 0.13   | 0.76  | None | 3.51       | 0.20    |
| p07.pddl              | <b>0.04</b> | 0.13   | 0.73  | None | 3.70       | 0.21    |
| p08.pddl              | <b>0.04</b> | 0.18   | 1.03  | None | 8.13       | 0.24    |
| p09.pddl              | <b>0.04</b> | 0.17   | 1.00  | None | 8.09       | 0.23    |
| p10.pddl              | <b>0.04</b> | 0.23   | 1.42  | None | 8.84       | 0.29    |
| p11.pddl              | <b>0.03</b> | 0.21   | 1.39  | None | 8.12       | 0.29    |
| p12.pddl              | <b>0.04</b> | 0.21   | 1.47  | None | 7.93       | 0.27    |
| p13.pddl              | <b>0.05</b> | 0.29   | 1.92  | None | 8.66       | 0.32    |
| p14.pddl              | <b>0.05</b> | 0.30   | 1.96  | None | 10.02      | 0.33    |
| p15.pddl              | <b>0.05</b> | 0.37   | 2.56  | None | 17.23      | 0.37    |
| p16.pddl              | <b>0.05</b> | 0.37   | 2.27  | None | 17.73      | 0.38    |
| p17.pddl              | <b>0.05</b> | 0.46   | 3.10  | None | 19.54      | 0.44    |
| p18.pddl              | <b>0.05</b> | 0.45   | 3.11  | None | 21.21      | 0.44    |
| p19.pddl              | <b>0.05</b> | 0.54   | 3.87  | None | None       | 0.48    |
| p20.pddl              | <b>0.06</b> | 0.58   | 3.81  | None | None       | 0.49    |
| probfreecell-2-1.pddl | <b>0.01</b> | 0.06   | 0.32  | None | 0.15       | 0.04    |
| probfreecell-2-2.pddl | <b>0.01</b> | 0.06   | 0.31  | None | 0.26       | 0.04    |
| probfreecell-2-3.pddl | <b>0.01</b> | 0.06   | 0.33  | None | 0.15       | 0.04    |
| probfreecell-2-4.pddl | <b>0.02</b> | 0.08   | 0.40  | None | 0.16       | 0.05    |
| probfreecell-2-5.pddl | <b>0.02</b> | 0.07   | 0.36  | None | 0.33       | 0.05    |
| probfreecell-3-1.pddl | <b>0.04</b> | 0.18   | 0.93  | None | 2.38       | 0.10    |
| probfreecell-3-2.pddl | <b>0.03</b> | 0.16   | 0.93  | None | 2.18       | 0.11    |
| probfreecell-3-3.pddl | <b>0.03</b> | 0.17   | 0.91  | None | 2.37       | 0.10    |
| probfreecell-3-4.pddl | <b>0.04</b> | 0.17   | 0.94  | None | 2.21       | 0.11    |
| probfreecell-3-5.pddl | <b>0.03</b> | 0.18   | 0.93  | None | 2.45       | 0.12    |
| probfreecell-4-1.pddl | <b>0.04</b> | 0.21   | 1.13  | None | 2.70       | 0.15    |
| probfreecell-4-2.pddl | <b>0.04</b> | 0.21   | 1.25  | None | 5.66       | 0.14    |
| probfreecell-4-3.pddl | <b>0.04</b> | 0.22   | 1.26  | None | 5.36       | 0.13    |
| probfreecell-4-4.pddl | <b>0.04</b> | 0.22   | 1.22  | None | 2.97       | 0.14    |
| probfreecell-4-5.pddl | <b>0.04</b> | 0.21   | 1.19  | None | 4.94       | 0.14    |
| probfreecell-5-1.pddl | <b>0.04</b> | 0.26   | 1.50  | None | 5.51       | 0.16    |
| probfreecell-5-2.pddl | <b>0.04</b> | 0.26   | 1.55  | None | 5.67       | 0.17    |
| probfreecell-5-3.pddl | <b>0.04</b> | 0.25   | 1.55  | None | 6.37       | 0.16    |
| probfreecell-5-4.pddl | <b>0.04</b> | 0.24   | 1.54  | None | 6.04       | 0.16    |
| probfreecell-5-5.pddl | <b>0.04</b> | 0.27   | 1.52  | None | 6.14       | 0.17    |
| probfreecell-6-1.pddl | <b>0.04</b> | 0.29   | 1.71  | None | 6.45       | 0.19    |
| probfreecell-6-2.pddl | <b>0.04</b> | 0.29   | 1.85  | None | 6.49       | 0.19    |
| probfreecell-6-3.pddl | <b>0.04</b> | 0.29   | 1.83  | None | 6.46       | 0.19    |
| probfreecell-6-4.pddl | <b>0.04</b> | 0.28   | 1.82  | None | 6.32       | 0.18    |

### ged-opt14-strips

| Tot dur gao | default     | marked | naive | psvn | psvn_split | watched |
|-------------|-------------|--------|-------|------|------------|---------|
| d-1-2.pddl  | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.00       | 0.00    |
| d-1-3.pddl  | <b>0.01</b> | 0.03   | 0.08  | None | 0.27       | 0.04    |
| d-1-4.pddl  | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.00       | 0.00    |
| d-1-8.pddl  | <b>0.01</b> | 0.03   | 0.11  | None | 0.47       | 0.04    |
| d-2-1.pddl  | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.00       | 0.00    |
| d-2-3.pddl  | <b>0.01</b> | 0.02   | 0.06  | None | 0.04       | 0.03    |
| d-2-4.pddl  | <b>0.00</b> | 0.00   | 0.00  | None | 0.01       | 0.00    |
| d-2-8.pddl  | <b>0.01</b> | 0.04   | 0.20  | None | 0.79       | 0.05    |
| d-3-1.pddl  | <b>0.01</b> | 0.03   | 0.09  | None | 0.13       | 0.04    |
| d-3-2.pddl  | <b>0.01</b> | 0.02   | 0.06  | None | 0.06       | 0.03    |
| d-3-4.pddl  | <b>0.01</b> | 0.03   | 0.11  | None | 0.44       | 0.04    |
| d-4-2.pddl  | <b>0.00</b> | 0.00   | 0.00  | None | 0.01       | 0.00    |
| d-4-3.pddl  | <b>0.01</b> | 0.03   | 0.11  | None | 0.47       | 0.04    |
| d-4-8.pddl  | <b>0.01</b> | 0.04   | 0.20  | None | 1.02       | 0.05    |
| d-7-5.pddl  | <b>0.01</b> | 0.03   | 0.11  | None | 0.46       | 0.04    |
| d-7-6.pddl  | <b>0.01</b> | 0.03   | 0.08  | None | 0.26       | 0.04    |
| d-8-1.pddl  | <b>0.01</b> | 0.03   | 0.11  | None | 0.41       | 0.04    |
| d-8-2.pddl  | <b>0.01</b> | 0.04   | 0.19  | None | 0.88       | 0.05    |
| d-8-4.pddl  | <b>0.02</b> | 0.04   | 0.20  | None | 0.84       | 0.05    |
| d-8-9.pddl  | <b>0.01</b> | 0.04   | 0.20  | None | 0.84       | 0.05    |

### grid

| Tot dur gao | default     | marked | naive | psvn | psvn_split  | watched |
|-------------|-------------|--------|-------|------|-------------|---------|
| prob01.pddl | 0.01        | 0.02   | 0.15  | None | <b>0.00</b> | 0.03    |
| prob02.pddl | 0.02        | 0.07   | 0.55  | None | <b>0.00</b> | 0.04    |
| prob03.pddl | <b>0.02</b> | 0.10   | 0.88  | None | None        | 0.05    |
| prob04.pddl | <b>0.02</b> | 0.14   | 1.32  | None | None        | 0.05    |
| prob05.pddl | <b>0.02</b> | 0.20   | 1.98  | None | 23.97       | 0.09    |

## gripper

| Tot dur gao | default     | marked | naive | psvn        | psvn_split  | watched |
|-------------|-------------|--------|-------|-------------|-------------|---------|
| prob01.pddl | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| prob02.pddl | <b>0.00</b> | 0.00   | 0.00  | 0.00        | 0.00        | 0.00    |
| prob03.pddl | <b>0.01</b> | 0.01   | 0.02  | 0.01        | 0.01        | 0.03    |
| prob04.pddl | 0.01        | 0.02   | 0.02  | 0.02        | <b>0.00</b> | 0.03    |
| prob05.pddl | 0.01        | 0.02   | 0.03  | None        | <b>0.00</b> | 0.03    |
| prob06.pddl | 0.01        | 0.02   | 0.03  | None        | <b>0.00</b> | 0.04    |
| prob07.pddl | 0.01        | 0.02   | 0.03  | None        | <b>0.00</b> | 0.04    |
| prob08.pddl | 0.01        | 0.02   | 0.03  | None        | <b>0.00</b> | 0.04    |
| prob09.pddl | 0.01        | 0.02   | 0.04  | None        | <b>0.00</b> | 0.05    |
| prob10.pddl | 0.01        | 0.02   | 0.04  | None        | <b>0.00</b> | 0.05    |
| prob11.pddl | 0.01        | 0.02   | 0.04  | None        | <b>0.00</b> | 0.06    |
| prob12.pddl | 0.01        | 0.02   | 0.04  | None        | <b>0.00</b> | 0.06    |
| prob13.pddl | 0.01        | 0.02   | 0.05  | None        | <b>0.00</b> | 0.07    |
| prob14.pddl | 0.01        | 0.02   | 0.05  | None        | <b>0.01</b> | 0.08    |
| prob15.pddl | 0.01        | 0.02   | 0.05  | None        | <b>0.01</b> | 0.09    |
| prob16.pddl | 0.01        | 0.03   | 0.06  | None        | <b>0.01</b> | 0.10    |
| prob17.pddl | 0.01        | 0.03   | 0.06  | None        | <b>0.01</b> | 0.11    |
| prob18.pddl | 0.01        | 0.03   | 0.06  | None        | <b>0.01</b> | 0.12    |
| prob19.pddl | 0.01        | 0.03   | 0.06  | None        | <b>0.01</b> | 0.13    |
| prob20.pddl | 0.01        | 0.03   | 0.06  | None        | <b>0.01</b> | 0.14    |

## hiking-opt14-strips

| Tot dur gao         | default     | marked | naive | psvn        | psvn_split  | watched |
|---------------------|-------------|--------|-------|-------------|-------------|---------|
| ptesting-1-2-3.pddl | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| ptesting-1-2-4.pddl | <b>0.00</b> | 0.01   | 0.01  | 0.00        | 0.01        | 0.01    |
| ptesting-1-2-5.pddl | <b>0.01</b> | 0.02   | 0.07  | 0.01        | 0.02        | 0.04    |
| ptesting-1-2-7.pddl | <b>0.01</b> | 0.03   | 0.12  | 0.02        | 0.02        | 0.04    |
| ptesting-1-2-8.pddl | <b>0.01</b> | 0.04   | 0.17  | 0.02        | 0.02        | 0.05    |
| ptesting-2-2-3.pddl | 0.02        | 0.05   | 0.15  | 0.02        | <b>0.02</b> | 0.08    |
| ptesting-2-2-4.pddl | <b>0.02</b> | 0.07   | 0.29  | None        | 0.07        | 0.10    |
| ptesting-2-2-5.pddl | <b>0.02</b> | 0.10   | 0.47  | None        | 0.20        | 0.12    |
| ptesting-2-2-6.pddl | <b>0.02</b> | 0.10   | 0.48  | None        | 0.31        | 0.11    |
| ptesting-2-2-7.pddl | <b>0.03</b> | 0.17   | 0.91  | None        | None        | 0.18    |
| ptesting-2-2-8.pddl | <b>0.02</b> | 0.14   | 0.82  | None        | None        | 0.15    |
| ptesting-2-3-4.pddl | <b>0.03</b> | 0.09   | 0.40  | None        | 0.14        | 0.11    |
| ptesting-2-3-5.pddl | <b>0.03</b> | 0.11   | 0.49  | None        | 0.20        | 0.10    |
| ptesting-2-3-6.pddl | <b>0.03</b> | 0.20   | 1.00  | None        | None        | 0.21    |
| ptesting-2-3-7.pddl | <b>0.03</b> | 0.21   | 1.14  | None        | None        | 0.18    |
| ptesting-2-4-3.pddl | <b>0.03</b> | 0.09   | 0.32  | 0.04        | 0.07        | 0.12    |
| ptesting-2-4-4.pddl | <b>0.03</b> | 0.12   | 0.49  | None        | 0.13        | 0.12    |
| ptesting-2-4-5.pddl | <b>0.03</b> | 0.16   | 0.74  | None        | None        | 0.13    |
| ptesting-2-4-6.pddl | <b>0.03</b> | 0.17   | 0.88  | None        | None        | 0.13    |
| ptesting-2-4-7.pddl | <b>0.04</b> | 0.33   | 1.81  | None        | None        | 0.37    |

## logistics00

| Tot dur gao             | default     | marked | naive | psvn | psvn_split | watched |
|-------------------------|-------------|--------|-------|------|------------|---------|
| probLOGISTICS-4-0.pddl  | <b>0.01</b> | 0.01   | 0.02  | 0.02 | 0.02       | 0.02    |
| probLOGISTICS-4-1.pddl  | <b>0.01</b> | 0.01   | 0.02  | 0.02 | 0.02       | 0.02    |
| probLOGISTICS-4-2.pddl  | <b>0.01</b> | 0.01   | 0.01  | 0.01 | 0.01       | 0.01    |
| probLOGISTICS-5-0.pddl  | <b>0.01</b> | 0.02   | 0.02  | 0.02 | 0.02       | 0.02    |
| probLOGISTICS-5-1.pddl  | <b>0.01</b> | 0.02   | 0.02  | 0.02 | 0.02       | 0.02    |
| probLOGISTICS-5-2.pddl  | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.00       | 0.00    |
| probLOGISTICS-6-0.pddl  | <b>0.01</b> | 0.02   | 0.02  | 0.02 | 0.03       | 0.03    |
| probLOGISTICS-6-1.pddl  | <b>0.01</b> | 0.02   | 0.02  | 0.02 | 0.03       | 0.03    |
| probLOGISTICS-6-2.pddl  | <b>0.01</b> | 0.02   | 0.02  | 0.02 | 0.02       | 0.03    |
| probLOGISTICS-6-9.pddl  | <b>0.01</b> | 0.02   | 0.02  | 0.02 | 0.03       | 0.03    |
| probLOGISTICS-7-0.pddl  | <b>0.02</b> | 0.02   | 0.03  | None | 0.03       | 0.03    |
| probLOGISTICS-7-1.pddl  | <b>0.02</b> | 0.02   | 0.03  | None | 0.03       | 0.03    |
| probLOGISTICS-8-0.pddl  | <b>0.02</b> | 0.02   | 0.04  | None | 0.04       | 0.03    |
| probLOGISTICS-8-1.pddl  | <b>0.02</b> | 0.02   | 0.04  | None | 0.03       | 0.03    |
| probLOGISTICS-9-0.pddl  | <b>0.02</b> | 0.02   | 0.04  | None | 0.04       | 0.03    |
| probLOGISTICS-9-1.pddl  | <b>0.02</b> | 0.02   | 0.04  | None | 0.04       | 0.03    |
| probLOGISTICS-10-0.pddl | <b>0.02</b> | 0.02   | 0.05  | None | 0.06       | 0.04    |
| probLOGISTICS-10-1.pddl | <b>0.02</b> | 0.02   | 0.05  | None | 0.06       | 0.04    |
| probLOGISTICS-11-0.pddl | <b>0.02</b> | 0.02   | 0.05  | None | 0.06       | 0.04    |
| probLOGISTICS-11-1.pddl | <b>0.02</b> | 0.02   | 0.06  | None | 0.06       | 0.05    |
| probLOGISTICS-12-0.pddl | <b>0.02</b> | 0.02   | 0.06  | None | 0.07       | 0.04    |
| probLOGISTICS-12-1.pddl | <b>0.02</b> | 0.02   | 0.06  | None | 0.06       | 0.04    |
| probLOGISTICS-13-0.pddl | <b>0.02</b> | 0.03   | 0.10  | None | 0.08       | 0.05    |
| probLOGISTICS-13-1.pddl | <b>0.02</b> | 0.03   | 0.10  | None | 0.07       | 0.05    |
| probLOGISTICS-14-0.pddl | <b>0.02</b> | 0.03   | 0.11  | None | 0.07       | 0.06    |
| probLOGISTICS-14-1.pddl | <b>0.02</b> | 0.03   | 0.10  | None | 0.08       | 0.06    |
| probLOGISTICS-15-0.pddl | <b>0.02</b> | 0.03   | 0.11  | None | 0.08       | 0.06    |
| probLOGISTICS-15-1.pddl | <b>0.02</b> | 0.03   | 0.11  | None | 0.08       | 0.06    |

## logistics98

| Tot dur gao | default     | marked      | naive | psvn | psvn_split | watched     |
|-------------|-------------|-------------|-------|------|------------|-------------|
| prob01.pddl | 0.03        | <b>0.02</b> | 0.07  | None | 0.04       | 0.04        |
| prob02.pddl | <b>0.04</b> | 0.04        | 0.16  | None | 0.08       | 0.07        |
| prob03.pddl | <b>0.05</b> | 0.06        | 0.34  | None | 0.24       | 0.09        |
| prob04.pddl | <b>0.09</b> | 0.09        | 0.54  | None | 0.32       | 0.15        |
| prob05.pddl | 0.03        | <b>0.02</b> | 0.06  | None | 0.05       | 0.04        |
| prob06.pddl | 0.11        | <b>0.09</b> | 0.59  | None | 0.37       | 0.14        |
| prob07.pddl | <b>0.05</b> | 0.05        | 0.27  | None | 0.14       | 0.09        |
| prob08.pddl | 0.10        | <b>0.10</b> | 0.61  | None | 0.40       | 0.18        |
| prob09.pddl | 0.16        | <b>0.15</b> | 1.01  | None | 0.87       | 0.21        |
| prob10.pddl | 0.15        | <b>0.13</b> | 0.97  | None | 0.80       | 0.17        |
| prob11.pddl | 0.08        | <b>0.06</b> | 0.28  | None | 0.20       | 0.13        |
| prob12.pddl | <b>0.20</b> | 0.28        | 1.58  | None | 1.87       | 0.44        |
| prob13.pddl | <b>0.17</b> | 0.30        | 1.88  | None | 1.57       | 0.31        |
| prob14.pddl | 0.38        | <b>0.20</b> | 1.41  | None | 2.18       | 0.36        |
| prob15.pddl | 0.06        | <b>0.05</b> | 0.27  | None | 0.25       | 0.08        |
| prob16.pddl | 0.20        | <b>0.16</b> | 1.03  | None | 1.03       | 0.38        |
| prob17.pddl | 0.18        | <b>0.10</b> | 0.57  | None | 0.50       | 0.27        |
| prob18.pddl | <b>0.29</b> | 0.47        | 3.49  | None | None       | 0.39        |
| prob19.pddl | <b>0.28</b> | 0.33        | 2.17  | None | 3.49       | 0.35        |
| prob20.pddl | <b>0.23</b> | 0.41        | 2.89  | None | None       | 0.38        |
| prob21.pddl | <b>0.27</b> | 0.37        | 2.69  | None | 3.69       | 0.47        |
| prob22.pddl | 0.95        | <b>0.91</b> | 8.66  | None | None       | 0.92        |
| prob23.pddl | 0.22        | <b>0.11</b> | 0.72  | None | None       | 0.21        |
| prob24.pddl | <b>0.20</b> | 0.34        | 2.36  | None | 3.65       | 0.57        |
| prob25.pddl | <b>0.34</b> | 0.78        | 7.01  | None | None       | 0.56        |
| prob26.pddl | 1.00        | <b>0.55</b> | 4.05  | None | None       | 0.93        |
| prob27.pddl | <b>0.26</b> | 0.52        | 3.63  | None | None       | 0.42        |
| prob28.pddl | <b>1.06</b> | 2.43        | 35.35 | None | None       | 1.35        |
| prob29.pddl | 0.83        | 0.77        | 9.43  | None | None       | <b>0.65</b> |
| prob30.pddl | <b>0.55</b> | 0.93        | 8.89  | None | None       | 0.91        |
| prob31.pddl | <b>0.01</b> | 0.02        | 0.04  | 0.02 | 0.02       | 0.03        |
| prob32.pddl | <b>0.01</b> | 0.02        | 0.03  | 0.02 | 0.02       | 0.03        |
| prob33.pddl | <b>0.02</b> | 0.02        | 0.07  | None | 0.07       | 0.05        |
| prob34.pddl | 0.04        | <b>0.03</b> | 0.14  | None | 0.12       | 0.07        |
| prob35.pddl | 0.04        | <b>0.03</b> | 0.12  | None | 0.11       | 0.06        |



# micronic

| Tot dur gao | default     | marked | naive | psvn        | psvn_split  | watched |
|-------------|-------------|--------|-------|-------------|-------------|---------|
| s1-0.pddl   | 0.00        | 0.00   | 0.00  | 0.00        | <b>0.00</b> | 0.00    |
| s1-1.pddl   | 0.00        | 0.00   | 0.00  | 0.00        | <b>0.00</b> | 0.00    |
| s1-2.pddl   | 0.00        | 0.00   | 0.00  | 0.00        | <b>0.00</b> | 0.00    |
| s1-3.pddl   | 0.00        | 0.00   | 0.00  | 0.00        | <b>0.00</b> | 0.00    |
| s1-4.pddl   | 0.00        | 0.00   | 0.00  | 0.00        | <b>0.00</b> | 0.00    |
| s2-0.pddl   | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| s2-1.pddl   | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| s2-2.pddl   | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| s2-3.pddl   | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| s2-4.pddl   | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| s3-0.pddl   | <b>0.00</b> | 0.00   | 0.00  | 0.00        | 0.00        | 0.00    |
| s3-1.pddl   | <b>0.00</b> | 0.00   | 0.00  | 0.00        | 0.00        | 0.00    |
| s3-2.pddl   | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| s3-3.pddl   | <b>0.00</b> | 0.00   | 0.00  | 0.00        | 0.00        | 0.00    |
| s3-4.pddl   | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| s4-0.pddl   | <b>0.00</b> | 0.00   | 0.00  | 0.00        | 0.00        | 0.00    |
| s4-1.pddl   | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| s4-2.pddl   | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| s4-3.pddl   | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| s4-4.pddl   | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| s5-0.pddl   | 0.01        | 0.01   | 0.01  | <b>0.01</b> | 0.01        | 0.02    |
| s5-1.pddl   | <b>0.01</b> | 0.01   | 0.02  | 0.01        | 0.01        | 0.02    |
| s5-2.pddl   | <b>0.01</b> | 0.01   | 0.01  | 0.01        | 0.01        | 0.02    |
| s5-3.pddl   | <b>0.01</b> | 0.01   | 0.01  | 0.01        | 0.01        | 0.02    |
| s5-4.pddl   | 0.01        | 0.01   | 0.02  | <b>0.01</b> | 0.01        | 0.02    |
| s6-0.pddl   | 0.01        | 0.02   | 0.03  | <b>0.01</b> | 0.01        | 0.03    |
| s6-1.pddl   | <b>0.01</b> | 0.02   | 0.03  | 0.01        | 0.01        | 0.03    |
| s6-2.pddl   | 0.01        | 0.02   | 0.03  | <b>0.01</b> | 0.01        | 0.03    |
| s6-3.pddl   | 0.01        | 0.02   | 0.03  | <b>0.01</b> | 0.01        | 0.03    |
| s6-4.pddl   | 0.01        | 0.02   | 0.03  | <b>0.01</b> | 0.01        | 0.03    |
| s7-0.pddl   | 0.01        | 0.02   | 0.03  | <b>0.01</b> | 0.01        | 0.03    |
| s7-1.pddl   | 0.01        | 0.02   | 0.03  | <b>0.01</b> | 0.01        | 0.03    |
| s7-2.pddl   | 0.01        | 0.02   | 0.03  | <b>0.01</b> | 0.01        | 0.03    |
| s7-3.pddl   | 0.01        | 0.02   | 0.03  | <b>0.01</b> | 0.01        | 0.03    |
| s7-4.pddl   | <b>0.01</b> | 0.02   | 0.03  | 0.01        | 0.01        | 0.03    |
| s8-0.pddl   | 0.01        | 0.02   | 0.04  | <b>0.01</b> | 0.01        | 0.04    |
| s8-1.pddl   | 0.01        | 0.02   | 0.04  | <b>0.01</b> | 0.01        | 0.04    |
| s8-2.pddl   | <b>0.01</b> | 0.02   | 0.04  | 0.01        | 0.01        | 0.04    |
| s8-3.pddl   | 0.01        | 0.02   | 0.04  | <b>0.01</b> | 0.01        | 0.04    |
| s8-4.pddl   | <b>0.01</b> | 0.02   | 0.04  | 0.01        | 0.01        | 0.04    |
| s9-0.pddl   | <b>0.01</b> | 0.02   | 0.05  | 0.01        | 0.01        | 0.04    |
| s9-1.pddl   | 0.01        | 0.02   | 0.05  | <b>0.01</b> | 0.01        | 0.04    |
| s9-2.pddl   | <b>0.01</b> | 0.02   | 0.05  | 0.01        | 0.01        | 0.04    |
| s9-3.pddl   | <b>0.01</b> | 0.02   | 0.05  | 0.01        | 0.01        | 0.04    |

## movie

| Tot dur gao | default | marked      | naive | psvn | psvn_split | watched |
|-------------|---------|-------------|-------|------|------------|---------|
| prob01.pddl | 0.00    | <b>0.00</b> | 0.00  | None | None       | None    |
| prob02.pddl | 0.00    | <b>0.00</b> | 0.00  | None | None       | None    |
| prob03.pddl | 0.00    | <b>0.00</b> | 0.00  | None | None       | None    |
| prob04.pddl | 0.00    | <b>0.00</b> | 0.00  | None | None       | None    |
| prob05.pddl | 0.00    | <b>0.00</b> | 0.00  | None | None       | None    |
| prob06.pddl | 0.00    | <b>0.00</b> | 0.00  | None | None       | None    |
| prob07.pddl | 0.00    | <b>0.00</b> | 0.00  | None | None       | None    |
| prob08.pddl | 0.00    | <b>0.00</b> | 0.00  | None | None       | None    |
| prob09.pddl | 0.00    | <b>0.00</b> | 0.00  | None | None       | None    |
| prob10.pddl | 0.00    | <b>0.00</b> | 0.00  | None | None       | None    |
| prob11.pddl | 0.00    | <b>0.00</b> | 0.00  | None | None       | None    |
| prob12.pddl | 0.00    | <b>0.00</b> | 0.00  | None | None       | None    |
| prob13.pddl | 0.00    | <b>0.00</b> | 0.00  | None | None       | None    |
| prob14.pddl | 0.00    | <b>0.00</b> | 0.00  | None | None       | None    |
| prob15.pddl | 0.00    | <b>0.00</b> | 0.00  | None | None       | None    |
| prob16.pddl | 0.00    | <b>0.00</b> | 0.00  | None | None       | None    |
| prob17.pddl | 0.00    | <b>0.00</b> | 0.00  | None | None       | None    |
| prob18.pddl | 0.00    | <b>0.00</b> | 0.00  | None | None       | None    |
| prob19.pddl | 0.00    | <b>0.00</b> | 0.00  | None | None       | None    |
| prob20.pddl | 0.00    | <b>0.00</b> | 0.00  | None | None       | None    |
| prob21.pddl | 0.00    | <b>0.00</b> | 0.00  | None | None       | None    |
| prob22.pddl | 0.00    | <b>0.00</b> | 0.00  | None | None       | None    |
| prob23.pddl | 0.00    | <b>0.00</b> | 0.00  | None | None       | None    |
| prob24.pddl | 0.00    | <b>0.00</b> | 0.00  | None | None       | None    |
| prob25.pddl | 0.00    | <b>0.00</b> | 0.00  | None | None       | None    |
| prob26.pddl | 0.00    | <b>0.00</b> | 0.00  | None | None       | None    |
| prob27.pddl | 0.00    | <b>0.00</b> | 0.00  | None | None       | None    |
| prob28.pddl | 0.00    | <b>0.00</b> | 0.00  | None | None       | None    |
| prob29.pddl | 0.00    | <b>0.00</b> | 0.00  | None | None       | None    |
| prob30.pddl | 0.00    | <b>0.00</b> | 0.00  | None | None       | None    |

# mprime

| Tot dur gao | default     | marked | naive | psvn | psvn_split | watched |
|-------------|-------------|--------|-------|------|------------|---------|
| prob01.pddl | <b>0.00</b> | 0.02   | 0.07  | None | 0.02       | 0.01    |
| prob02.pddl | <b>0.04</b> | 0.13   | 0.66  | None | 0.53       | 0.13    |
| prob03.pddl | <b>0.03</b> | 0.11   | 0.52  | None | 0.36       | 0.14    |
| prob04.pddl | <b>0.03</b> | 0.06   | 0.23  | None | 0.14       | 0.09    |
| prob05.pddl | <b>0.03</b> | 0.11   | 0.53  | None | 0.36       | 0.10    |
| prob06.pddl | <b>0.14</b> | 0.84   | 5.50  | None | 2.21       | 0.46    |
| prob07.pddl | <b>0.03</b> | 0.06   | 0.28  | None | 0.21       | 0.12    |
| prob08.pddl | <b>0.08</b> | 0.31   | 1.54  | None | 1.02       | 0.25    |
| prob09.pddl | <b>0.03</b> | 0.10   | 0.46  | None | 0.25       | 0.09    |
| prob10.pddl | <b>0.24</b> | 1.59   | 10.86 | None | None       | 0.63    |
| prob11.pddl | <b>0.02</b> | 0.06   | 0.26  | None | 0.09       | 0.08    |
| prob12.pddl | <b>0.03</b> | 0.08   | 0.41  | None | 0.14       | 0.08    |
| prob13.pddl | <b>0.21</b> | 1.44   | 14.43 | None | None       | 0.54    |
| prob14.pddl | <b>0.26</b> | 2.04   | 18.79 | None | None       | 0.68    |
| prob15.pddl | <b>0.16</b> | 1.49   | 9.44  | None | 4.04       | 0.52    |
| prob16.pddl | <b>0.06</b> | 0.22   | 1.08  | None | 0.94       | 0.16    |
| prob17.pddl | <b>0.13</b> | 0.80   | 3.66  | None | 2.33       | 0.39    |
| prob18.pddl | <b>0.15</b> | 1.05   | 4.63  | None | 3.75       | 0.50    |
| prob19.pddl | <b>0.08</b> | 0.45   | 2.29  | None | 1.88       | 0.22    |
| prob20.pddl | <b>0.13</b> | 1.50   | 13.27 | None | 4.95       | 0.51    |
| prob21.pddl | <b>0.10</b> | 0.41   | 2.25  | None | 4.23       | 0.22    |
| prob22.pddl | <b>0.21</b> | 1.77   | 11.58 | None | None       | 0.59    |
| prob23.pddl | <b>0.14</b> | 0.75   | 3.40  | None | 2.29       | 0.41    |
| prob24.pddl | <b>0.09</b> | 0.77   | 3.79  | None | None       | 0.31    |
| prob25.pddl | <b>0.00</b> | 0.00   | 0.00  | None | 0.00       | 0.00    |
| prob26.pddl | <b>0.04</b> | 0.15   | 0.75  | None | 0.41       | 0.13    |
| prob27.pddl | <b>0.03</b> | 0.18   | 1.05  | None | 0.52       | 0.10    |
| prob28.pddl | <b>0.02</b> | 0.04   | 0.18  | None | 0.06       | 0.06    |
| prob29.pddl | <b>0.02</b> | 0.13   | 0.69  | None | 0.16       | 0.06    |
| prob30.pddl | <b>0.07</b> | 0.79   | 3.89  | None | 2.83       | 0.25    |
| prob31.pddl | <b>0.02</b> | 0.11   | 0.54  | None | 0.59       | 0.04    |
| prob32.pddl | <b>0.03</b> | 0.06   | 0.29  | None | 0.11       | 0.08    |
| prob33.pddl | <b>0.11</b> | 0.61   | 2.82  | None | 2.45       | 0.30    |
| prob34.pddl | <b>0.02</b> | 0.11   | 0.56  | None | 0.42       | 0.06    |
| prob35.pddl | <b>0.01</b> | 0.01   | 0.05  | None | 0.02       | 0.02    |

# mystery

| Tot dur gao | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| prob01.pddl | 0.00        | 0.00        | 0.00        | <b>0.00</b> | 0.00        | 0.00        |
| prob02.pddl | <b>0.03</b> | 0.10        | 0.57        | None        | 0.46        | 0.12        |
| prob03.pddl | <b>0.00</b> | 0.00        | 0.01        | None        | 0.01        | 0.00        |
| prob04.pddl | <b>0.01</b> | 0.02        | 0.04        | None        | 0.02        | 0.04        |
| prob05.pddl | <b>0.02</b> | 0.08        | 0.36        | None        | 0.19        | 0.08        |
| prob06.pddl | <b>0.06</b> | 0.29        | 1.41        | None        | 1.89        | 0.14        |
| prob07.pddl | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| prob08.pddl | <b>0.04</b> | 0.09        | 0.43        | None        | 0.71        | 0.08        |
| prob09.pddl | <b>0.03</b> | 0.08        | 0.36        | None        | 0.19        | 0.07        |
| prob10.pddl | <b>0.15</b> | 1.05        | 5.80        | None        | None        | 0.29        |
| prob11.pddl | <b>0.00</b> | 0.00        | 0.01        | None        | 0.00        | 0.00        |
| prob12.pddl | <b>0.02</b> | 0.03        | 0.07        | None        | 0.04        | 0.04        |
| prob13.pddl | <b>0.17</b> | 0.48        | 2.63        | None        | None        | 0.28        |
| prob14.pddl | <b>0.17</b> | 1.20        | 10.73       | None        | None        | 0.32        |
| prob15.pddl | <b>0.07</b> | 0.46        | 2.32        | None        | 2.08        | 0.17        |
| prob16.pddl | <b>0.04</b> | 0.07        | 0.35        | None        | 0.19        | 0.08        |
| prob17.pddl | <b>0.04</b> | 0.32        | 1.60        | None        | 1.55        | 0.14        |
| prob18.pddl | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| prob19.pddl | <b>0.06</b> | 0.16        | 0.96        | None        | 0.91        | 0.13        |
| prob20.pddl | <b>0.05</b> | 0.20        | 1.00        | None        | 0.42        | 0.13        |
| prob21.pddl | <b>0.07</b> | 0.16        | 0.83        | None        | 1.16        | 0.17        |
| prob22.pddl | <b>0.12</b> | 0.53        | 2.63        | None        | 2.54        | 0.27        |
| prob23.pddl | <b>0.06</b> | 0.19        | 1.07        | None        | 1.01        | 0.15        |
| prob24.pddl | <b>0.05</b> | 0.12        | 0.58        | None        | 0.58        | 0.17        |
| prob25.pddl | <b>0.00</b> | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
| prob26.pddl | <b>0.02</b> | 0.05        | 0.22        | None        | 0.09        | 0.06        |
| prob27.pddl | <b>0.00</b> | 0.01        | 0.05        | None        | 0.02        | 0.01        |
| prob28.pddl | <b>0.00</b> | 0.00        | 0.00        | None        | 0.00        | 0.00        |
| prob29.pddl | <b>0.00</b> | 0.00        | 0.00        | None        | 0.00        | 0.00        |
| prob30.pddl | <b>0.04</b> | 0.10        | 0.56        | None        | 0.34        | 0.07        |

# nomystery-opt11-strips

| Tot dur gao | default     | marked | naive | psvn | psvn_split | watched |
|-------------|-------------|--------|-------|------|------------|---------|
| p01.pddl    | <b>0.00</b> | 0.00   | 0.01  | 0.00 | 0.00       | 0.01    |
| p02.pddl    | <b>0.01</b> | 0.03   | 0.18  | 0.02 | 0.02       | 0.03    |
| p03.pddl    | <b>0.01</b> | 0.03   | 0.11  | 0.02 | 0.03       | 0.03    |
| p04.pddl    | <b>0.01</b> | 0.04   | 0.25  | None | 0.09       | 0.04    |
| p05.pddl    | <b>0.01</b> | 0.06   | 0.54  | None | 0.21       | 0.04    |
| p06.pddl    | <b>0.01</b> | 0.08   | 0.76  | None | 0.44       | 0.05    |
| p07.pddl    | <b>0.01</b> | 0.08   | 0.78  | None | 0.38       | 0.05    |
| p08.pddl    | <b>0.01</b> | 0.10   | 0.92  | None | 0.44       | 0.06    |
| p09.pddl    | <b>0.01</b> | 0.11   | 1.20  | None | 0.43       | 0.07    |
| p10.pddl    | <b>0.01</b> | 0.09   | 0.92  | None | 0.40       | 0.06    |
| p11.pddl    | <b>0.00</b> | 0.00   | 0.01  | 0.00 | 0.00       | 0.00    |
| p12.pddl    | <b>0.01</b> | 0.02   | 0.11  | 0.01 | 0.01       | 0.02    |
| p13.pddl    | <b>0.01</b> | 0.02   | 0.08  | 0.02 | 0.03       | 0.03    |
| p14.pddl    | <b>0.01</b> | 0.03   | 0.17  | None | 0.09       | 0.03    |
| p15.pddl    | <b>0.01</b> | 0.05   | 0.40  | None | 0.19       | 0.04    |
| p16.pddl    | <b>0.01</b> | 0.06   | 0.59  | None | 0.19       | 0.05    |
| p17.pddl    | <b>0.01</b> | 0.07   | 0.60  | None | 0.19       | 0.05    |
| p18.pddl    | <b>0.01</b> | 0.08   | 0.71  | None | 0.37       | 0.05    |
| p19.pddl    | <b>0.01</b> | 0.09   | 0.87  | None | 0.47       | 0.06    |
| p20.pddl    | <b>0.01</b> | 0.07   | 0.64  | None | 0.21       | 0.06    |

# openstacks-opt08-strips

| Tot dur gao | default     | marked | naive | psvn | psvn_split  | watched |
|-------------|-------------|--------|-------|------|-------------|---------|
| p01.pddl    | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.00        | 0.00    |
| p02.pddl    | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.00        | 0.00    |
| p03.pddl    | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.00        | 0.01    |
| p04.pddl    | <b>0.01</b> | 0.01   | 0.03  | 0.02 | 0.02        | 0.03    |
| p05.pddl    | <b>0.01</b> | 0.02   | 0.04  | None | 0.06        | 0.04    |
| p06.pddl    | <b>0.01</b> | 0.01   | 0.02  | None | 0.06        | 0.02    |
| p07.pddl    | <b>0.02</b> | 0.02   | 0.05  | None | 0.06        | 0.04    |
| p08.pddl    | <b>0.01</b> | 0.02   | 0.06  | None | 0.06        | 0.05    |
| p09.pddl    | <b>0.02</b> | 0.02   | 0.06  | None | 0.11        | 0.06    |
| p10.pddl    | <b>0.02</b> | 0.03   | 0.07  | None | 0.12        | 0.06    |
| p11.pddl    | <b>0.02</b> | 0.03   | 0.08  | None | 0.13        | 0.07    |
| p12.pddl    | 0.02        | 0.03   | 0.09  | None | <b>0.00</b> | 0.08    |
| p13.pddl    | <b>0.02</b> | 0.03   | 0.10  | None | 0.26        | 0.08    |
| p14.pddl    | <b>0.02</b> | 0.03   | 0.11  | None | 0.28        | 0.09    |
| p15.pddl    | <b>0.02</b> | 0.03   | 0.13  | None | 0.29        | 0.10    |
| p16.pddl    | <b>0.02</b> | 0.04   | 0.14  | None | 0.30        | 0.10    |
| p17.pddl    | <b>0.02</b> | 0.04   | 0.16  | None | 0.29        | 0.11    |
| p18.pddl    | 0.02        | 0.04   | 0.17  | None | <b>0.00</b> | 0.11    |
| p19.pddl    | <b>0.02</b> | 0.04   | 0.19  | None | 0.33        | 0.13    |
| p20.pddl    | <b>0.02</b> | 0.05   | 0.21  | None | 0.32        | 0.13    |
| p21.pddl    | <b>0.02</b> | 0.05   | 0.23  | None | 0.63        | 0.14    |
| p22.pddl    | 0.02        | 0.05   | 0.24  | None | <b>0.00</b> | 0.15    |
| p23.pddl    | <b>0.02</b> | 0.05   | 0.26  | None | 0.72        | 0.16    |
| p24.pddl    | <b>0.02</b> | 0.06   | 0.29  | None | 0.80        | 0.17    |
| p25.pddl    | <b>0.02</b> | 0.06   | 0.30  | None | 0.74        | 0.17    |
| p26.pddl    | <b>0.02</b> | 0.06   | 0.32  | None | 0.75        | 0.18    |
| p27.pddl    | <b>0.02</b> | 0.07   | 0.34  | None | 0.81        | 0.18    |
| p28.pddl    | 0.02        | 0.07   | 0.37  | None | <b>0.00</b> | 0.19    |
| p29.pddl    | <b>0.02</b> | 0.07   | 0.38  | None | 1.71        | 0.21    |
| p30.pddl    | <b>0.02</b> | 0.08   | 0.41  | None | 1.69        | 0.22    |

# openstacks-opt11-strips

| Tot dur gao | default     | marked | naive | psvn | psvn_split  | watched |
|-------------|-------------|--------|-------|------|-------------|---------|
| p01.pddl    | <b>0.01</b> | 0.01   | 0.02  | None | 0.06        | 0.02    |
| p02.pddl    | <b>0.01</b> | 0.02   | 0.05  | None | 0.06        | 0.05    |
| p03.pddl    | <b>0.01</b> | 0.02   | 0.06  | None | 0.06        | 0.05    |
| p04.pddl    | <b>0.02</b> | 0.02   | 0.06  | None | 0.11        | 0.06    |
| p05.pddl    | <b>0.02</b> | 0.03   | 0.07  | None | 0.12        | 0.06    |
| p06.pddl    | <b>0.02</b> | 0.03   | 0.08  | None | 0.13        | 0.07    |
| p07.pddl    | 0.02        | 0.03   | 0.09  | None | <b>0.00</b> | 0.08    |
| p08.pddl    | <b>0.02</b> | 0.03   | 0.10  | None | 0.27        | 0.08    |
| p09.pddl    | <b>0.02</b> | 0.03   | 0.13  | None | 0.28        | 0.09    |
| p10.pddl    | 0.02        | 0.05   | 0.24  | None | <b>0.00</b> | 0.16    |
| p11.pddl    | <b>0.02</b> | 0.03   | 0.13  | None | 0.29        | 0.09    |
| p12.pddl    | <b>0.02</b> | 0.04   | 0.14  | None | 0.30        | 0.10    |
| p13.pddl    | <b>0.02</b> | 0.04   | 0.15  | None | 0.30        | 0.11    |
| p14.pddl    | 0.02        | 0.04   | 0.18  | None | <b>0.00</b> | 0.11    |
| p15.pddl    | <b>0.02</b> | 0.04   | 0.18  | None | 0.32        | 0.12    |
| p16.pddl    | <b>0.02</b> | 0.05   | 0.22  | None | 0.67        | 0.14    |
| p17.pddl    | <b>0.02</b> | 0.05   | 0.20  | None | 0.33        | 0.13    |
| p18.pddl    | <b>0.02</b> | 0.05   | 0.26  | None | 0.73        | 0.16    |
| p19.pddl    | <b>0.02</b> | 0.05   | 0.28  | None | 0.81        | 0.17    |
| p20.pddl    | <b>0.02</b> | 0.06   | 0.31  | None | 0.73        | 0.17    |

# openstacks-opt14-strips

| Tot dur gao | default     | marked | naive | psvn | psvn_split  | watched |
|-------------|-------------|--------|-------|------|-------------|---------|
| p20_1.pddl  | <b>0.02</b> | 0.04   | 0.14  | None | 0.29        | 0.10    |
| p20_2.pddl  | <b>0.02</b> | 0.04   | 0.14  | None | 0.29        | 0.10    |
| p20_3.pddl  | <b>0.02</b> | 0.04   | 0.13  | None | 0.30        | 0.11    |
| p25_1.pddl  | <b>0.02</b> | 0.05   | 0.23  | None | 0.66        | 0.14    |
| p25_3.pddl  | <b>0.02</b> | 0.05   | 0.22  | None | 0.78        | 0.14    |
| p30_1.pddl  | <b>0.02</b> | 0.06   | 0.33  | None | 0.84        | 0.17    |
| p30_2.pddl  | <b>0.02</b> | 0.07   | 0.32  | None | 0.71        | 0.18    |
| p30_3.pddl  | <b>0.02</b> | 0.06   | 0.32  | None | 1.57        | 0.20    |
| p35_1.pddl  | <b>0.02</b> | 0.08   | 0.43  | None | 1.77        | 0.23    |
| p35_2.pddl  | <b>0.02</b> | 0.08   | 0.42  | None | 1.77        | 0.22    |
| p35_3.pddl  | <b>0.02</b> | 0.08   | 0.44  | None | 1.73        | 0.22    |
| p40_1.pddl  | <b>0.02</b> | 0.10   | 0.57  | None | 1.90        | 0.27    |
| p40_2.pddl  | <b>0.02</b> | 0.09   | 0.53  | None | 1.89        | 0.29    |
| p40_3.pddl  | 0.02        | 0.09   | 0.55  | None | <b>0.00</b> | 0.28    |
| p45_1.pddl  | <b>0.02</b> | 0.12   | 0.71  | None | 2.07        | 0.33    |
| p45_2.pddl  | <b>0.02</b> | 0.12   | 0.69  | None | 2.11        | 0.35    |
| p45_3.pddl  | <b>0.02</b> | 0.11   | 0.70  | None | 4.21        | 0.33    |
| p50_1.pddl  | <b>0.02</b> | 0.13   | 0.84  | None | 4.59        | 0.40    |
| p50_2.pddl  | <b>0.03</b> | 0.15   | 0.86  | None | 4.56        | 0.42    |
| p50_3.pddl  | <b>0.02</b> | 0.13   | 0.85  | None | 4.57        | 0.40    |



## openstacks-strips

| Tot dur gao | default     | marked      | naive | psvn | psvn_split | watched |
|-------------|-------------|-------------|-------|------|------------|---------|
| p01.pddl    | <b>0.01</b> | 0.01        | 0.02  | 0.01 | 0.01       | 0.02    |
| p02.pddl    | <b>0.01</b> | 0.01        | 0.02  | 0.01 | 0.01       | 0.02    |
| p03.pddl    | <b>0.01</b> | 0.01        | 0.02  | 0.01 | 0.01       | 0.02    |
| p04.pddl    | <b>0.01</b> | 0.01        | 0.01  | 0.01 | 0.01       | 0.02    |
| p05.pddl    | <b>0.01</b> | 0.01        | 0.01  | 0.01 | 0.01       | 0.02    |
| p06.pddl    | <b>0.01</b> | 0.03        | 0.08  | None | 0.03       | 0.08    |
| p07.pddl    | <b>0.01</b> | 0.03        | 0.08  | None | 0.03       | 0.07    |
| p08.pddl    | <b>0.05</b> | 0.06        | 0.24  | None | 0.81       | 0.45    |
| p09.pddl    | <b>0.05</b> | 0.06        | 0.22  | None | 0.76       | 0.47    |
| p10.pddl    | <b>0.05</b> | 0.07        | 0.29  | None | 1.07       | 0.44    |
| p11.pddl    | <b>0.05</b> | 0.07        | 0.31  | None | 1.06       | 0.43    |
| p12.pddl    | <b>0.02</b> | 0.07        | 0.30  | None | 1.11       | 0.41    |
| p13.pddl    | <b>0.02</b> | 0.07        | 0.29  | None | 1.12       | 0.43    |
| p14.pddl    | <b>0.02</b> | 0.07        | 0.31  | None | 1.06       | 0.43    |
| p15.pddl    | <b>0.04</b> | 0.07        | 0.31  | None | 1.05       | 0.42    |
| p16.pddl    | <b>0.05</b> | 0.07        | 0.31  | None | 1.07       | 0.43    |
| p17.pddl    | <b>0.07</b> | 0.08        | 0.38  | None | 1.97       | 0.65    |
| p18.pddl    | 0.15        | <b>0.14</b> | 0.80  | None | 5.28       | 1.84    |
| p19.pddl    | <b>0.07</b> | 0.09        | 0.45  | None | 2.13       | 0.60    |
| p20.pddl    | <b>0.09</b> | 0.11        | 0.67  | None | None       | 0.88    |
| p21.pddl    | <b>0.09</b> | 0.12        | 0.68  | None | None       | 0.85    |
| p22.pddl    | <b>0.02</b> | 0.12        | 0.67  | None | None       | 0.82    |
| p23.pddl    | <b>0.02</b> | 0.12        | 0.63  | None | None       | 0.82    |
| p24.pddl    | <b>0.12</b> | 0.35        | 1.88  | None | None       | 2.21    |
| p25.pddl    | <b>0.12</b> | 0.33        | 1.87  | None | None       | 2.13    |
| p26.pddl    | <b>0.22</b> | 0.30        | 1.84  | None | 13.50      | 2.14    |
| p27.pddl    | <b>0.42</b> | 0.58        | 3.92  | None | None       | 4.85    |
| p28.pddl    | <b>0.42</b> | 1.13        | 9.22  | None | None       | 8.42    |
| p29.pddl    | <b>0.48</b> | 1.11        | 8.36  | None | None       | 8.31    |
| p30.pddl    | <b>0.68</b> | 0.94        | 10.07 | None | None       | 8.55    |

# organic-synthesis-opt18-strips

| Tot dur gao | default     | marked | naive       | psvn        | psvn_split | watched |
|-------------|-------------|--------|-------------|-------------|------------|---------|
| p01.pddl    | <b>0.00</b> | 0.00   | 0.00        | 0.00        | 0.00       | 0.00    |
| p02.pddl    | 0.00        | 0.00   | 0.00        | <b>0.00</b> | 0.00       | 0.00    |
| p03.pddl    | <b>0.00</b> | 0.00   | 0.00        | 0.00        | 0.00       | 0.00    |
| p04.pddl    | None        | None   | None        | None        | None       | None    |
| p05.pddl    | None        | None   | None        | None        | None       | None    |
| p06.pddl    | None        | None   | None        | None        | None       | None    |
| p07.pddl    | 0.00        | 0.00   | <b>0.00</b> | 0.00        | 0.00       | 0.00    |
| p08.pddl    | None        | None   | None        | None        | None       | None    |
| p09.pddl    | <b>0.00</b> | 0.00   | 0.00        | None        | None       | 0.00    |
| p10.pddl    | <b>0.00</b> | 0.00   | 0.00        | None        | None       | 0.00    |
| p11.pddl    | None        | None   | None        | None        | None       | None    |
| p12.pddl    | None        | None   | None        | None        | None       | None    |
| p13.pddl    | None        | None   | None        | None        | None       | None    |
| p14.pddl    | <b>0.00</b> | 0.00   | 0.00        | None        | None       | 0.00    |
| p15.pddl    | None        | None   | None        | None        | None       | None    |
| p16.pddl    | None        | None   | None        | None        | None       | None    |
| p17.pddl    | None        | None   | None        | None        | None       | None    |
| p18.pddl    | None        | None   | None        | None        | None       | None    |
| p19.pddl    | None        | None   | None        | None        | None       | None    |
| p20.pddl    | None        | None   | None        | None        | None       | None    |

# organic-synthesis-split-opt18-strips

| Tot dur gao | default     | marked | naive  | psvn | psvn_split | watched |
|-------------|-------------|--------|--------|------|------------|---------|
| p01.pddl    | <b>0.02</b> | 0.03   | 0.19   | None | None       | 0.87    |
| p02.pddl    | <b>0.03</b> | 0.06   | 0.46   | None | None       | 1.80    |
| p03.pddl    | <b>0.10</b> | 0.48   | 3.29   | None | None       | 27.96   |
| p04.pddl    | <b>0.08</b> | 0.25   | 1.69   | None | None       | 21.12   |
| p05.pddl    | <b>0.15</b> | 0.57   | 4.64   | None | None       | 61.91   |
| p06.pddl    | <b>0.14</b> | 0.69   | 7.04   | None | None       | 48.18   |
| p07.pddl    | <b>0.00</b> | 0.00   | 0.00   | None | 0.00       | 0.00    |
| p08.pddl    | <b>0.24</b> | 1.29   | 22.47  | None | None       | 118.20  |
| p09.pddl    | <b>0.05</b> | 0.12   | 0.74   | None | None       | 6.20    |
| p10.pddl    | <b>0.05</b> | 0.12   | 0.78   | None | None       | 6.38    |
| p11.pddl    | <b>0.17</b> | 0.52   | 3.48   | None | None       | 60.64   |
| p12.pddl    | <b>0.21</b> | 0.62   | 3.95   | None | None       | 83.80   |
| p13.pddl    | <b>0.42</b> | 2.02   | 40.04  | None | None       | 281.12  |
| p14.pddl    | <b>0.04</b> | 0.14   | 1.29   | None | 14.27      | 5.09    |
| p15.pddl    | <b>0.44</b> | 2.32   | 47.36  | None | None       | 373.24  |
| p16.pddl    | <b>0.61</b> | 3.73   | 69.18  | None | None       | 737.30  |
| p17.pddl    | <b>0.81</b> | 5.32   | 101.61 | None | None       | 1071.43 |
| p18.pddl    | <b>0.64</b> | 3.39   | 64.87  | None | None       | 573.58  |
| p19.pddl    | <b>0.34</b> | 1.59   | 27.34  | None | None       | 201.80  |
| p20.pddl    | <b>0.38</b> | 2.02   | 36.61  | None | None       | 254.65  |

# parcprinter-08-strips

| Tot dur gao | default     | marked      | naive | psvn        | psvn_split  | watched |
|-------------|-------------|-------------|-------|-------------|-------------|---------|
| p01.pddl    | 0.00        | 0.00        | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| p02.pddl    | 0.00        | 0.00        | 0.00  | <b>0.00</b> | 0.00        | 0.01    |
| p03.pddl    | 0.01        | 0.01        | 0.01  | 0.01        | <b>0.00</b> | 0.02    |
| p04.pddl    | 0.03        | <b>0.02</b> | 0.04  | None        | 0.09        | 0.13    |
| p05.pddl    | 0.03        | 0.03        | 0.05  | None        | <b>0.03</b> | 0.18    |
| p06.pddl    | 0.03        | <b>0.03</b> | 0.06  | None        | 0.24        | 0.22    |
| p07.pddl    | <b>0.04</b> | 0.04        | 0.09  | None        | 0.33        | 0.27    |
| p08.pddl    | <b>0.04</b> | 0.04        | 0.09  | None        | 0.55        | 0.33    |
| p09.pddl    | <b>0.04</b> | 0.05        | 0.10  | None        | 0.59        | 0.39    |
| p10.pddl    | <b>0.04</b> | 0.05        | 0.10  | None        | 0.63        | 0.43    |
| p11.pddl    | 0.00        | 0.00        | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| p12.pddl    | 0.02        | <b>0.01</b> | 0.02  | 0.01        | 0.02        | 0.05    |
| p13.pddl    | 0.03        | <b>0.03</b> | 0.05  | None        | 0.17        | 0.11    |
| p14.pddl    | 0.04        | <b>0.03</b> | 0.06  | None        | 0.36        | 0.15    |
| p15.pddl    | 0.05        | <b>0.04</b> | 0.09  | None        | 0.07        | 0.18    |
| p16.pddl    | 0.05        | 0.04        | 0.11  | None        | <b>0.02</b> | 0.23    |
| p17.pddl    | <b>0.05</b> | 0.05        | 0.13  | None        | 0.61        | 0.27    |
| p18.pddl    | <b>0.06</b> | 0.06        | 0.15  | None        | None        | 0.33    |
| p19.pddl    | <b>0.06</b> | 0.07        | 0.19  | None        | 1.24        | 0.41    |
| p20.pddl    | 0.06        | 0.08        | 0.25  | None        | <b>0.00</b> | 0.46    |
| p21.pddl    | 0.00        | 0.00        | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| p22.pddl    | 0.01        | 0.01        | 0.01  | <b>0.01</b> | 0.01        | 0.02    |
| p23.pddl    | <b>0.02</b> | 0.02        | 0.03  | None        | 0.03        | 0.09    |
| p24.pddl    | <b>0.02</b> | 0.03        | 0.04  | None        | 0.13        | 0.12    |
| p25.pddl    | <b>0.03</b> | 0.03        | 0.05  | None        | 0.18        | 0.16    |
| p26.pddl    | <b>0.03</b> | 0.03        | 0.06  | None        | 0.24        | 0.20    |
| p27.pddl    | <b>0.03</b> | 0.04        | 0.08  | None        | 0.29        | 0.24    |
| p28.pddl    | <b>0.03</b> | 0.04        | 0.08  | None        | 0.51        | 0.29    |
| p29.pddl    | <b>0.03</b> | 0.05        | 0.10  | None        | 0.57        | 0.36    |
| p30.pddl    | <b>0.03</b> | 0.06        | 0.14  | None        | 0.62        | 0.42    |

# parcprinter-opt11-strips

| Tot dur gao | default     | marked      | naive | psvn        | psvn_split  | watched |
|-------------|-------------|-------------|-------|-------------|-------------|---------|
| p01.pddl    | 0.01        | <b>0.01</b> | 0.01  | 0.01        | 0.01        | 0.02    |
| p02.pddl    | 0.00        | 0.00        | 0.00  | <b>0.00</b> | 0.00        | 0.01    |
| p03.pddl    | 0.02        | 0.01        | 0.02  | <b>0.01</b> | 0.02        | 0.05    |
| p04.pddl    | 0.03        | <b>0.03</b> | 0.04  | None        | 0.09        | 0.14    |
| p05.pddl    | <b>0.02</b> | 0.02        | 0.03  | None        | 0.03        | 0.09    |
| p06.pddl    | 0.03        | <b>0.03</b> | 0.06  | None        | 0.24        | 0.22    |
| p07.pddl    | 0.03        | <b>0.03</b> | 0.05  | None        | 0.03        | 0.18    |
| p08.pddl    | <b>0.02</b> | 0.03        | 0.04  | None        | 0.13        | 0.12    |
| p09.pddl    | 0.03        | <b>0.03</b> | 0.05  | None        | 0.15        | 0.11    |
| p10.pddl    | <b>0.03</b> | 0.03        | 0.06  | None        | 0.21        | 0.16    |
| p11.pddl    | <b>0.03</b> | 0.03        | 0.06  | None        | 0.22        | 0.19    |
| p12.pddl    | 0.04        | <b>0.03</b> | 0.06  | None        | 0.30        | 0.14    |
| p13.pddl    | <b>0.04</b> | 0.04        | 0.09  | None        | 0.33        | 0.28    |
| p14.pddl    | <b>0.04</b> | 0.04        | 0.09  | None        | 0.55        | 0.32    |
| p15.pddl    | <b>0.04</b> | 0.05        | 0.10  | None        | 0.59        | 0.39    |
| p16.pddl    | <b>0.04</b> | 0.05        | 0.11  | None        | 0.64        | 0.45    |
| p17.pddl    | 0.04        | <b>0.04</b> | 0.09  | None        | 0.07        | 0.19    |
| p18.pddl    | 0.05        | 0.04        | 0.10  | None        | <b>0.02</b> | 0.23    |
| p19.pddl    | <b>0.05</b> | 0.05        | 0.13  | None        | 0.63        | 0.28    |
| p20.pddl    | <b>0.03</b> | 0.04        | 0.08  | None        | 0.29        | 0.24    |

# parking-opt11-strips

| Tot dur gao      | default     | marked | naive | psvn | psvn_split | watched |
|------------------|-------------|--------|-------|------|------------|---------|
| pfile03-011.pddl | <b>0.03</b> | 0.19   | 0.87  | None | 2.43       | 0.18    |
| pfile03-012.pddl | <b>0.03</b> | 0.20   | 0.85  | None | 2.45       | 0.17    |
| pfile04-013.pddl | <b>0.04</b> | 0.29   | 1.33  | None | 4.52       | 0.19    |
| pfile04-014.pddl | <b>0.03</b> | 0.30   | 1.34  | None | 4.53       | 0.21    |
| pfile04-015.pddl | <b>0.04</b> | 0.30   | 1.30  | None | 4.32       | 0.20    |
| pfile04-016.pddl | <b>0.04</b> | 0.31   | 1.29  | None | 4.68       | 0.20    |
| pfile05-017.pddl | <b>0.04</b> | 0.52   | 1.98  | None | None       | 0.23    |
| pfile05-018.pddl | <b>0.04</b> | 0.52   | 1.87  | None | None       | 0.23    |
| pfile05-019.pddl | <b>0.04</b> | 0.52   | 1.98  | None | None       | 0.23    |
| pfile05-020.pddl | <b>0.04</b> | 0.52   | 1.97  | None | None       | 0.26    |
| pfile06-021.pddl | <b>0.05</b> | 0.79   | 2.75  | None | 22.06      | 0.28    |
| pfile06-022.pddl | <b>0.05</b> | 0.74   | 2.81  | None | 10.84      | 0.27    |
| pfile06-023.pddl | <b>0.05</b> | 0.78   | 2.69  | None | 12.48      | 0.34    |
| pfile06-024.pddl | <b>0.05</b> | 0.78   | 2.76  | None | 19.56      | 0.33    |
| pfile07-025.pddl | <b>0.05</b> | 1.07   | 3.73  | None | None       | 0.40    |
| pfile07-026.pddl | <b>0.05</b> | 1.06   | 3.88  | None | None       | 0.36    |
| pfile07-027.pddl | <b>0.06</b> | 1.08   | 3.97  | None | None       | 0.34    |
| pfile07-028.pddl | <b>0.06</b> | 1.13   | 4.22  | None | None       | 0.33    |
| pfile08-029.pddl | <b>0.07</b> | 1.42   | 5.18  | None | 26.55      | 0.41    |
| pfile08-030.pddl | <b>0.06</b> | 1.44   | 4.94  | None | 23.23      | 0.43    |

# parking-opt14-strips

| Tot dur gao     | default     | marked | naive | psvn | psvn_split | watched |
|-----------------|-------------|--------|-------|------|------------|---------|
| p_12_7-01.pddl  | <b>0.03</b> | 0.19   | 0.85  | None | 2.51       | 0.17    |
| p_12_7-02.pddl  | <b>0.03</b> | 0.19   | 0.83  | None | 2.42       | 0.17    |
| p_12_7-03.pddl  | <b>0.03</b> | 0.19   | 0.83  | None | 2.38       | 0.16    |
| p_12_7-04.pddl  | <b>0.03</b> | 0.19   | 0.82  | None | 2.57       | 0.17    |
| p_14_8-01.pddl  | <b>0.04</b> | 0.31   | 1.28  | None | 4.51       | 0.21    |
| p_14_8-02.pddl  | <b>0.04</b> | 0.30   | 1.38  | None | 4.79       | 0.20    |
| p_14_8-03.pddl  | <b>0.04</b> | 0.29   | 1.31  | None | 4.56       | 0.21    |
| p_14_8-04.pddl  | <b>0.04</b> | 0.31   | 1.23  | None | 4.46       | 0.21    |
| p_16_9-01.pddl  | <b>0.05</b> | 0.53   | 1.89  | None | None       | 0.25    |
| p_16_9-02.pddl  | <b>0.04</b> | 0.50   | 1.86  | None | None       | 0.27    |
| p_16_9-03.pddl  | <b>0.04</b> | 0.53   | 1.88  | None | None       | 0.24    |
| p_16_9-04.pddl  | <b>0.04</b> | 0.54   | 1.94  | None | None       | 0.25    |
| p_18_10-01.pddl | <b>0.05</b> | 0.76   | 2.79  | None | 10.89      | 0.29    |
| p_18_10-02.pddl | <b>0.05</b> | 0.78   | 2.82  | None | 11.04      | 0.29    |
| p_18_10-03.pddl | <b>0.05</b> | 0.77   | 3.02  | None | 14.31      | 0.30    |
| p_18_10-04.pddl | <b>0.05</b> | 0.77   | 2.81  | None | 10.44      | 0.28    |
| p_20_11-01.pddl | <b>0.05</b> | 1.08   | 3.90  | None | None       | 0.34    |
| p_20_11-02.pddl | <b>0.06</b> | 1.07   | 3.89  | None | None       | 0.37    |
| p_20_11-03.pddl | <b>0.05</b> | 1.07   | 3.86  | None | None       | 0.37    |
| p_20_11-04.pddl | <b>0.06</b> | 1.08   | 3.95  | None | None       | 0.36    |

## pathways

| Tot dur gao | default     | marked | naive | psvn | psvn_split  | watched |
|-------------|-------------|--------|-------|------|-------------|---------|
| p01.pddl    | <b>0.00</b> | 0.00   | 0.00  | None | 0.00        | 0.01    |
| p02.pddl    | <b>0.00</b> | 0.01   | 0.01  | None | 0.01        | 0.03    |
| p03.pddl    | 0.02        | 0.02   | 0.03  | None | <b>0.02</b> | 0.15    |
| p04.pddl    | <b>0.02</b> | 0.02   | 0.03  | None | 0.07        | 0.21    |
| p05.pddl    | <b>0.02</b> | 0.03   | 0.06  | None | 0.09        | 0.32    |
| p06.pddl    | <b>0.03</b> | 0.04   | 0.10  | None | 0.20        | 0.63    |
| p07.pddl    | <b>0.03</b> | 0.05   | 0.12  | None | 0.41        | 0.80    |
| p08.pddl    | <b>0.03</b> | 0.06   | 0.18  | None | 0.51        | 1.18    |
| p09.pddl    | <b>0.03</b> | 0.06   | 0.16  | None | 0.51        | 1.14    |
| p10.pddl    | <b>0.03</b> | 0.05   | 0.17  | None | 0.48        | 0.98    |
| p11.pddl    | <b>0.03</b> | 0.05   | 0.15  | None | 0.47        | 1.02    |
| p12.pddl    | <b>0.03</b> | 0.06   | 0.19  | None | 0.53        | 1.15    |
| p13.pddl    | <b>0.03</b> | 0.07   | 0.25  | None | 1.01        | 1.27    |
| p14.pddl    | <b>0.03</b> | 0.06   | 0.22  | None | 1.08        | 1.32    |
| p15.pddl    | <b>0.03</b> | 0.07   | 0.23  | None | 1.03        | 1.37    |
| p16.pddl    | <b>0.04</b> | 0.10   | 0.35  | None | 1.33        | 2.22    |
| p17.pddl    | <b>0.05</b> | 0.10   | 0.36  | None | 1.56        | 2.83    |
| p18.pddl    | <b>0.04</b> | 0.08   | 0.26  | None | 1.22        | 1.89    |
| p19.pddl    | <b>0.04</b> | 0.10   | 0.38  | None | 1.54        | 2.81    |
| p20.pddl    | <b>0.04</b> | 0.09   | 0.32  | None | 1.39        | 2.23    |
| p21.pddl    | <b>0.04</b> | 0.10   | 0.37  | None | 1.57        | 2.91    |
| p22.pddl    | <b>0.04</b> | 0.10   | 0.35  | None | 1.44        | 2.52    |
| p23.pddl    | <b>0.04</b> | 0.11   | 0.41  | None | 1.51        | 2.79    |
| p24.pddl    | <b>0.04</b> | 0.11   | 0.42  | None | None        | 2.95    |
| p25.pddl    | <b>0.05</b> | 0.15   | 0.61  | None | 3.34        | 3.69    |
| p26.pddl    | <b>0.05</b> | 0.14   | 0.51  | None | 3.30        | 3.92    |
| p27.pddl    | <b>0.05</b> | 0.14   | 0.57  | None | 3.54        | 4.12    |
| p28.pddl    | <b>0.05</b> | 0.16   | 0.58  | None | 3.48        | 3.95    |
| p29.pddl    | <b>0.05</b> | 0.11   | 0.41  | None | None        | 3.17    |
| p30.pddl    | <b>0.05</b> | 0.12   | 0.45  | None | 3.49        | 4.28    |



## pegsol-08-strips

| Tot dur gao | default     | marked | naive | psvn | psvn_split  | watched |
|-------------|-------------|--------|-------|------|-------------|---------|
| p01.pddl    | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.00        | 0.00    |
| p02.pddl    | <b>0.00</b> | 0.00   | 0.00  | None | 0.00        | 0.00    |
| p03.pddl    | <b>0.00</b> | 0.00   | 0.00  | None | 0.00        | 0.00    |
| p04.pddl    | <b>0.00</b> | 0.00   | 0.00  | None | 0.00        | 0.00    |
| p05.pddl    | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.00        | 0.00    |
| p06.pddl    | <b>0.00</b> | 0.00   | 0.01  | None | 0.00        | 0.01    |
| p07.pddl    | <b>0.00</b> | 0.00   | 0.00  | None | 0.00        | 0.00    |
| p08.pddl    | <b>0.01</b> | 0.02   | 0.05  | None | 0.04        | 0.08    |
| p09.pddl    | <b>0.01</b> | 0.01   | 0.02  | None | 0.01        | 0.03    |
| p10.pddl    | <b>0.01</b> | 0.02   | 0.05  | None | 0.04        | 0.08    |
| p11.pddl    | <b>0.01</b> | 0.02   | 0.05  | None | 0.02        | 0.08    |
| p12.pddl    | <b>0.01</b> | 0.03   | 0.05  | None | 0.04        | 0.08    |
| p13.pddl    | <b>0.01</b> | 0.03   | 0.05  | None | 0.05        | 0.08    |
| p14.pddl    | <b>0.01</b> | 0.02   | 0.05  | None | 0.04        | 0.08    |
| p15.pddl    | <b>0.01</b> | 0.03   | 0.05  | None | 0.05        | 0.08    |
| p16.pddl    | 0.01        | 0.03   | 0.05  | None | <b>0.01</b> | 0.07    |
| p17.pddl    | <b>0.01</b> | 0.03   | 0.05  | None | 0.04        | 0.08    |
| p18.pddl    | <b>0.01</b> | 0.03   | 0.05  | None | 0.04        | 0.08    |
| p19.pddl    | <b>0.01</b> | 0.03   | 0.05  | None | 0.04        | 0.08    |
| p20.pddl    | <b>0.01</b> | 0.03   | 0.05  | None | 0.05        | 0.08    |
| p21.pddl    | <b>0.01</b> | 0.03   | 0.05  | None | 0.05        | 0.09    |
| p22.pddl    | <b>0.01</b> | 0.03   | 0.05  | None | 0.04        | 0.08    |
| p23.pddl    | <b>0.01</b> | 0.02   | 0.05  | None | 0.04        | 0.08    |
| p24.pddl    | <b>0.02</b> | 0.03   | 0.05  | None | 0.05        | 0.09    |
| p25.pddl    | <b>0.01</b> | 0.03   | 0.05  | None | 0.05        | 0.08    |
| p26.pddl    | <b>0.01</b> | 0.03   | 0.05  | None | 0.04        | 0.08    |
| p27.pddl    | <b>0.01</b> | 0.03   | 0.05  | None | 0.05        | 0.09    |
| p28.pddl    | <b>0.01</b> | 0.03   | 0.05  | None | 0.04        | 0.08    |
| p29.pddl    | <b>0.02</b> | 0.03   | 0.06  | None | 0.04        | 0.09    |
| p30.pddl    | <b>0.01</b> | 0.03   | 0.05  | None | 0.05        | 0.08    |

# pegsol-opt11-strips

| Tot dur gao | default     | marked | naive | psvn | psvn_split  | watched |
|-------------|-------------|--------|-------|------|-------------|---------|
| p01.pddl    | <b>0.00</b> | 0.00   | 0.00  | None | 0.00        | 0.00    |
| p02.pddl    | <b>0.01</b> | 0.03   | 0.05  | None | 0.04        | 0.08    |
| p03.pddl    | <b>0.01</b> | 0.02   | 0.05  | None | 0.04        | 0.08    |
| p04.pddl    | <b>0.01</b> | 0.02   | 0.05  | None | 0.04        | 0.08    |
| p05.pddl    | <b>0.01</b> | 0.03   | 0.05  | None | 0.05        | 0.08    |
| p06.pddl    | <b>0.01</b> | 0.03   | 0.05  | None | 0.04        | 0.08    |
| p07.pddl    | <b>0.01</b> | 0.03   | 0.05  | None | 0.04        | 0.08    |
| p08.pddl    | <b>0.01</b> | 0.03   | 0.05  | None | 0.04        | 0.08    |
| p09.pddl    | <b>0.01</b> | 0.03   | 0.05  | None | 0.04        | 0.08    |
| p10.pddl    | <b>0.01</b> | 0.02   | 0.05  | None | 0.04        | 0.08    |
| p11.pddl    | <b>0.01</b> | 0.03   | 0.05  | None | 0.04        | 0.08    |
| p12.pddl    | 0.01        | 0.03   | 0.05  | None | <b>0.01</b> | 0.08    |
| p13.pddl    | <b>0.01</b> | 0.03   | 0.05  | None | 0.05        | 0.08    |
| p14.pddl    | <b>0.01</b> | 0.03   | 0.05  | None | 0.04        | 0.10    |
| p15.pddl    | <b>0.01</b> | 0.03   | 0.05  | None | 0.05        | 0.08    |
| p16.pddl    | <b>0.01</b> | 0.03   | 0.05  | None | 0.04        | 0.08    |
| p17.pddl    | <b>0.02</b> | 0.03   | 0.05  | None | 0.04        | 0.09    |
| p18.pddl    | <b>0.01</b> | 0.03   | 0.05  | None | 0.04        | 0.08    |
| p19.pddl    | <b>0.02</b> | 0.03   | 0.06  | None | 0.04        | 0.09    |
| p20.pddl    | <b>0.01</b> | 0.03   | 0.05  | None | 0.05        | 0.08    |

# petri-net-alignment-opt18-strips

| Tot dur gao | default     | marked | naive | psvn | psvn_split  | watched |
|-------------|-------------|--------|-------|------|-------------|---------|
| p01.pddl    | 0.03        | 0.04   | 0.07  | None | <b>0.02</b> | 2.53    |
| p02.pddl    | <b>0.03</b> | 0.04   | 0.09  | None | 0.70        | 2.56    |
| p03.pddl    | <b>0.03</b> | 0.04   | 0.10  | None | 0.10        | 2.40    |
| p04.pddl    | <b>0.03</b> | 0.04   | 0.10  | None | 0.08        | 2.54    |
| p05.pddl    | <b>0.03</b> | 0.04   | 0.08  | None | 0.69        | 2.48    |
| p06.pddl    | <b>0.03</b> | 0.04   | 0.10  | None | 0.10        | 2.56    |
| p07.pddl    | <b>0.03</b> | 0.04   | 0.10  | None | 0.05        | 2.55    |
| p08.pddl    | 0.03        | 0.04   | 0.10  | None | <b>0.02</b> | 2.51    |
| p09.pddl    | <b>0.03</b> | 0.04   | 0.10  | None | 0.66        | 2.52    |
| p10.pddl    | <b>0.03</b> | 0.04   | 0.12  | None | 1.28        | 2.43    |
| p11.pddl    | 0.03        | 0.04   | 0.11  | None | <b>0.02</b> | 2.54    |
| p12.pddl    | <b>0.03</b> | 0.05   | 0.14  | None | 0.04        | 2.54    |
| p13.pddl    | <b>0.03</b> | 0.05   | 0.13  | None | 0.65        | 2.47    |
| p14.pddl    | <b>0.03</b> | 0.05   | 0.13  | None | 0.22        | 2.58    |
| p15.pddl    | 0.03        | 0.04   | 0.12  | None | <b>0.00</b> | 2.54    |
| p16.pddl    | 0.03        | 0.05   | 0.14  | None | <b>0.01</b> | 2.46    |
| p17.pddl    | 0.03        | 0.05   | 0.14  | None | <b>0.03</b> | 2.55    |
| p18.pddl    | <b>0.03</b> | 0.05   | 0.13  | None | 1.33        | 2.55    |
| p19.pddl    | <b>0.03</b> | 0.05   | 0.14  | None | 1.30        | 2.41    |
| p20.pddl    | <b>0.03</b> | 0.05   | 0.14  | None | 0.21        | 2.52    |

## pipesworld-notankage

| Tot dur gao          | default     | marked      | naive | psvn | psvn_split | watched |
|----------------------|-------------|-------------|-------|------|------------|---------|
| p01-net1-b6-g2.pddl  | <b>0.00</b> | 0.00        | 0.00  | None | 0.00       | 0.00    |
| p02-net1-b6-g4.pddl  | <b>0.00</b> | 0.00        | 0.01  | None | 0.01       | 0.02    |
| p03-net1-b8-g3.pddl  | 0.01        | <b>0.01</b> | 0.01  | None | 0.01       | 0.05    |
| p04-net1-b8-g5.pddl  | <b>0.02</b> | 0.02        | 0.04  | None | 0.04       | 0.18    |
| p05-net1-b10-g4.pddl | <b>0.03</b> | 0.03        | 0.06  | None | 0.07       | 0.24    |
| p06-net1-b10-g6.pddl | <b>0.03</b> | 0.03        | 0.06  | None | 0.08       | 0.24    |
| p07-net1-b12-g5.pddl | <b>0.03</b> | 0.03        | 0.08  | None | 0.12       | 0.31    |
| p08-net1-b12-g7.pddl | <b>0.03</b> | 0.03        | 0.09  | None | 0.11       | 0.32    |
| p09-net1-b14-g6.pddl | <b>0.04</b> | 0.04        | 0.10  | None | 0.23       | 0.41    |
| p10-net1-b14-g8.pddl | 0.04        | <b>0.04</b> | 0.11  | None | 0.22       | 0.41    |
| p11-net2-b10-g2.pddl | <b>0.03</b> | 0.04        | 0.12  | None | 0.48       | 1.10    |
| p12-net2-b10-g4.pddl | <b>0.03</b> | 0.04        | 0.13  | None | 0.47       | 1.11    |
| p13-net2-b12-g3.pddl | <b>0.04</b> | 0.05        | 0.15  | None | None       | 1.58    |
| p14-net2-b12-g5.pddl | <b>0.04</b> | 0.05        | 0.17  | None | None       | 1.68    |
| p15-net2-b14-g4.pddl | <b>0.04</b> | 0.05        | 0.16  | None | None       | 1.83    |
| p16-net2-b14-g6.pddl | <b>0.04</b> | 0.05        | 0.16  | None | None       | 1.83    |
| p17-net2-b16-g5.pddl | <b>0.06</b> | 0.07        | 0.26  | None | 1.55       | 3.57    |
| p18-net2-b16-g7.pddl | <b>0.06</b> | 0.07        | 0.27  | None | 1.59       | 3.46    |
| p19-net2-b18-g6.pddl | <b>0.06</b> | 0.08        | 0.29  | None | None       | 4.87    |
| p20-net2-b18-g8.pddl | <b>0.06</b> | 0.08        | 0.30  | None | None       | 4.93    |
| p21-net3-b12-g2.pddl | <b>0.04</b> | 0.06        | 0.20  | None | 1.15       | 2.18    |
| p22-net3-b12-g4.pddl | <b>0.04</b> | 0.06        | 0.20  | None | 1.26       | 2.18    |
| p23-net3-b14-g3.pddl | <b>0.06</b> | 0.08        | 0.29  | None | None       | 3.52    |
| p24-net3-b14-g5.pddl | <b>0.06</b> | 0.08        | 0.29  | None | None       | 3.42    |
| p25-net3-b16-g5.pddl | <b>0.06</b> | 0.09        | 0.37  | None | 3.89       | 5.36    |
| p26-net3-b16-g7.pddl | <b>0.06</b> | 0.09        | 0.37  | None | 4.02       | 5.25    |
| p27-net3-b18-g6.pddl | <b>0.08</b> | 0.11        | 0.43  | None | 4.61       | 7.17    |
| p28-net3-b18-g7.pddl | <b>0.08</b> | 0.10        | 0.42  | None | 4.27       | 7.17    |
| p29-net3-b20-g6.pddl | <b>0.09</b> | 0.13        | 0.52  | None | None       | 10.26   |
| p30-net3-b20-g8.pddl | <b>0.08</b> | 0.12        | 0.48  | None | None       | 8.62    |
| p31-net4-b14-g3.pddl | <b>0.05</b> | 0.09        | 0.38  | None | 3.37       | 4.02    |
| p32-net4-b14-g5.pddl | <b>0.06</b> | 0.10        | 0.40  | None | 3.43       | 4.20    |
| p33-net4-b16-g5.pddl | <b>0.06</b> | 0.10        | 0.41  | None | 3.78       | 4.88    |
| p34-net4-b16-g6.pddl | <b>0.07</b> | 0.12        | 0.50  | None | None       | 5.77    |
| p35-net4-b18-g4.pddl | <b>0.08</b> | 0.14        | 0.62  | None | None       | 8.37    |
| p36-net4-b18-g6.pddl | <b>0.08</b> | 0.14        | 0.61  | None | None       | 8.55    |
| p37-net4-b20-g5.pddl | <b>0.09</b> | 0.16        | 0.68  | None | 10.97      | 10.56   |
| p38-net4-b20-g7.pddl | <b>0.09</b> | 0.15        | 0.69  | None | 11.34      | 10.80   |
| p39-net4-b22-g7.pddl | <b>0.12</b> | 0.19        | 0.88  | None | None       | 16.03   |
| p40-net4-b22-g8.pddl | <b>0.11</b> | 0.19        | 0.90  | None | None       | 16.15   |
| p41-net5-b22-g2.pddl | <b>0.11</b> | 0.25        | 1.11  | None | None       | 18.86   |
| p42-net5-b22-g4.pddl | <b>0.12</b> | 0.24        | 1.12  | None | None       | 18.91   |
| p43-net5-b24-g3.pddl | <b>0.13</b> | 0.27        | 1.27  | None | None       | 24.56   |

## pipesworld-tankage

| Tot dur gao              | default     | marked      | naive | psvn | psvn_split | watched |
|--------------------------|-------------|-------------|-------|------|------------|---------|
| p01-net1-b6-g2-t50.pddl  | 0.00        | <b>0.00</b> | 0.00  | None | 0.00       | 0.00    |
| p02-net1-b6-g4-t50.pddl  | 0.00        | <b>0.00</b> | 0.00  | None | 0.00       | 0.01    |
| p03-net1-b8-g3-t80.pddl  | <b>0.04</b> | 0.05        | 0.11  | None | 0.06       | 0.09    |
| p04-net1-b8-g5-t80.pddl  | <b>0.04</b> | 0.05        | 0.11  | None | 0.07       | 0.10    |
| p05-net1-b10-g4-t50.pddl | <b>0.05</b> | 0.06        | 0.13  | None | 0.06       | 0.10    |
| p06-net1-b10-g6-t50.pddl | <b>0.04</b> | 0.06        | 0.13  | None | 0.06       | 0.10    |
| p07-net1-b12-g5-t80.pddl | <b>0.09</b> | 0.15        | 0.43  | None | 0.13       | 0.15    |
| p08-net1-b12-g7-t80.pddl | <b>0.08</b> | 0.16        | 0.43  | None | 0.14       | 0.16    |
| p09-net1-b14-g6-t50.pddl | <b>0.08</b> | 0.17        | 0.48  | None | 0.15       | 0.16    |
| p10-net1-b14-g8-t50.pddl | <b>0.07</b> | 0.17        | 0.50  | None | 0.14       | 0.16    |
| p11-net2-b10-g2-t30.pddl | <b>0.03</b> | 0.08        | 0.26  | None | 0.07       | 0.12    |
| p12-net2-b10-g4-t60.pddl | <b>0.05</b> | 0.12        | 0.41  | None | 4.07       | 0.15    |
| p13-net2-b12-g3-t70.pddl | <b>0.06</b> | 0.15        | 0.55  | None | None       | 0.22    |
| p14-net2-b12-g5-t30.pddl | <b>0.04</b> | 0.11        | 0.35  | None | 2.19       | 0.17    |
| p15-net2-b14-g4-t30.pddl | <b>0.04</b> | 0.10        | 0.36  | None | 2.62       | 0.19    |
| p16-net2-b14-g6-t80.pddl | <b>0.07</b> | 0.22        | 0.82  | None | 6.45       | 0.29    |
| p17-net2-b16-g5-t20.pddl | <b>0.04</b> | 0.12        | 0.43  | None | 4.38       | 0.21    |
| p18-net2-b16-g7-t60.pddl | <b>0.08</b> | 0.27        | 0.89  | None | None       | 0.30    |
| p19-net2-b18-g6-t60.pddl | <b>0.09</b> | 0.31        | 1.10  | None | None       | 0.36    |
| p20-net2-b18-g8-t90.pddl | <b>0.18</b> | 0.72        | 2.00  | None | None       | 0.52    |
| p21-net3-b12-g2-t60.pddl | <b>0.07</b> | 0.15        | 0.48  | None | 5.13       | 0.22    |
| p22-net3-b12-g4-t60.pddl | <b>0.07</b> | 0.15        | 0.50  | None | 4.77       | 0.20    |
| p23-net3-b14-g3-t60.pddl | <b>0.11</b> | 0.31        | 1.03  | None | None       | 0.31    |
| p24-net3-b14-g5-t60.pddl | <b>0.11</b> | 0.32        | 1.10  | None | None       | 0.31    |
| p25-net3-b16-g5-t60.pddl | <b>0.20</b> | 0.69        | 2.06  | None | 34.83      | 0.44    |
| p26-net3-b16-g7-t70.pddl | <b>0.24</b> | 0.84        | 2.56  | None | None       | 0.48    |
| p27-net3-b18-g6-t70.pddl | <b>0.22</b> | 0.69        | 2.26  | None | None       | 0.47    |
| p28-net3-b18-g7-t70.pddl | <b>0.23</b> | 0.69        | 2.30  | None | None       | 0.46    |
| p29-net3-b20-g6-t70.pddl | <b>0.35</b> | 1.11        | 3.32  | None | None       | 0.64    |
| p30-net3-b20-g8-t70.pddl | <b>0.35</b> | 1.23        | 3.44  | None | None       | 0.66    |
| p31-net4-b14-g3-t20.pddl | <b>0.04</b> | 0.09        | 0.31  | None | 3.44       | 0.21    |
| p32-net4-b14-g5-t30.pddl | <b>0.08</b> | 0.23        | 0.80  | None | None       | 0.32    |
| p33-net4-b16-g5-t60.pddl | <b>0.13</b> | 0.36        | 1.28  | None | None       | 0.43    |
| p34-net4-b16-g6-t60.pddl | <b>0.18</b> | 0.54        | 1.77  | None | None       | 0.49    |
| p35-net4-b18-g4-t90.pddl | <b>0.37</b> | 1.62        | 4.81  | None | None       | 0.90    |
| p36-net4-b18-g6-t90.pddl | <b>0.38</b> | 1.56        | 6.22  | None | None       | 0.88    |
| p37-net4-b20-g5-t60.pddl | <b>0.32</b> | 1.11        | 3.31  | None | None       | 0.73    |
| p38-net4-b20-g7-t60.pddl | <b>0.31</b> | 1.13        | 3.34  | None | None       | 0.71    |
| p39-net4-b22-g7-t50.pddl | <b>0.39</b> | 1.52        | 4.72  | None | None       | 0.80    |
| p40-net4-b22-g8-t50.pddl | <b>0.36</b> | 1.44        | 5.04  | None | None       | 0.81    |
| p41-net5-b22-g2-t20.pddl | <b>0.12</b> | 0.61        | 2.17  | None | None       | 0.78    |
| p42-net5-b22-g4-t50.pddl | <b>0.45</b> | 2.22        | 9.52  | None | None       | 1.14    |
| p43-net5-b24-g3-t80.pddl | <b>0.70</b> | 5.19        | 34.53 | None | None       | 1.73    |

psr-small

| Tot dur gao            | default     | marked | naive | psvn        | psvn_split  | watched |
|------------------------|-------------|--------|-------|-------------|-------------|---------|
| p01-s2-n1-l2-f50.pddl  | 0.00        | 0.00   | 0.00  | 0.00        | <b>0.00</b> | 0.00    |
| p02-s5-n1-l3-f30.pddl  | 0.00        | 0.00   | 0.00  | 0.00        | <b>0.00</b> | 0.00    |
| p03-s7-n1-l3-f70.pddl  | 0.00        | 0.00   | 0.00  | 0.00        | <b>0.00</b> | 0.00    |
| p04-s8-n1-l4-f10.pddl  | 0.00        | 0.00   | 0.00  | 0.00        | <b>0.00</b> | 0.00    |
| p05-s9-n1-l4-f30.pddl  | 0.00        | 0.00   | 0.00  | 0.00        | <b>0.00</b> | 0.00    |
| p06-s10-n1-l4-f50.pddl | 0.00        | 0.00   | 0.00  | 0.00        | <b>0.00</b> | 0.00    |
| p07-s11-n1-l4-f70.pddl | 0.00        | 0.00   | 0.00  | 0.00        | <b>0.00</b> | 0.00    |
| p08-s12-n1-l5-f10.pddl | 0.00        | 0.00   | 0.00  | 0.00        | <b>0.00</b> | 0.00    |
| p09-s13-n1-l5-f30.pddl | 0.00        | 0.00   | 0.00  | 0.00        | <b>0.00</b> | 0.00    |
| p10-s17-n2-l2-f30.pddl | 0.00        | 0.00   | 0.00  | 0.00        | <b>0.00</b> | 0.01    |
| p11-s18-n2-l2-f50.pddl | 0.00        | 0.00   | 0.00  | 0.00        | <b>0.00</b> | 0.00    |
| p12-s21-n2-l3-f30.pddl | 0.00        | 0.00   | 0.00  | 0.00        | <b>0.00</b> | 0.00    |
| p13-s22-n2-l3-f50.pddl | 0.00        | 0.00   | 0.00  | 0.00        | <b>0.00</b> | 0.00    |
| p14-s23-n2-l3-f70.pddl | 0.00        | 0.00   | 0.00  | 0.00        | <b>0.00</b> | 0.00    |
| p15-s24-n2-l4-f10.pddl | <b>0.01</b> | 0.04   | 0.04  | 0.01        | 0.01        | 0.04    |
| p16-s29-n2-l5-f30.pddl | 0.00        | 0.01   | 0.01  | 0.00        | <b>0.00</b> | 0.01    |
| p17-s30-n2-l5-f50.pddl | 0.00        | 0.00   | 0.00  | 0.00        | <b>0.00</b> | 0.00    |
| p18-s31-n2-l5-f70.pddl | 0.00        | 0.00   | 0.00  | 0.00        | <b>0.00</b> | 0.00    |
| p19-s33-n3-l2-f30.pddl | 0.02        | 0.02   | 0.04  | 0.02        | <b>0.00</b> | 0.05    |
| p20-s34-n3-l2-f50.pddl | 0.00        | 0.00   | 0.00  | 0.00        | <b>0.00</b> | 0.00    |
| p21-s35-n3-l2-f70.pddl | 0.00        | 0.00   | 0.00  | 0.00        | <b>0.00</b> | 0.00    |
| p22-s37-n3-l3-f30.pddl | 0.02        | 0.02   | 0.03  | 0.01        | <b>0.00</b> | 0.05    |
| p23-s38-n3-l3-f50.pddl | 0.00        | 0.00   | 0.00  | 0.00        | <b>0.00</b> | 0.00    |
| p24-s39-n3-l3-f70.pddl | 0.00        | 0.00   | 0.00  | 0.00        | <b>0.00</b> | 0.00    |
| p25-s40-n3-l4-f10.pddl | 0.02        | 2.17   | 1.44  | <b>0.02</b> | 0.33        | 1.02    |
| p26-s41-n3-l4-f30.pddl | 0.00        | 0.00   | 0.00  | 0.00        | <b>0.00</b> | 0.00    |
| p27-s42-n3-l4-f50.pddl | 0.00        | 0.00   | 0.00  | 0.00        | <b>0.00</b> | 0.00    |
| p28-s43-n3-l4-f70.pddl | 0.00        | 0.00   | 0.00  | 0.00        | <b>0.00</b> | 0.00    |
| p29-s45-n3-l5-f30.pddl | 0.02        | 0.02   | 0.05  | 0.02        | <b>0.00</b> | 0.06    |
| p30-s46-n3-l5-f50.pddl | 0.00        | 0.00   | 0.01  | 0.00        | <b>0.00</b> | 0.01    |
| p31-s49-n4-l2-f30.pddl | 0.02        | 0.13   | 0.10  | 0.02        | <b>0.00</b> | 0.10    |
| p32-s50-n4-l2-f50.pddl | 0.00        | 0.00   | 0.00  | 0.00        | <b>0.00</b> | 0.00    |
| p33-s51-n4-l2-f70.pddl | 0.00        | 0.00   | 0.01  | 0.00        | <b>0.00</b> | 0.01    |
| p34-s55-n4-l3-f70.pddl | 0.00        | 0.00   | 0.00  | 0.00        | <b>0.00</b> | 0.00    |
| p35-s57-n5-l2-f30.pddl | 0.02        | 0.02   | 0.04  | None        | <b>0.00</b> | 0.08    |
| p36-s65-n6-l2-f30.pddl | 0.02        | 0.06   | 0.09  | None        | <b>0.00</b> | 0.13    |
| p37-s67-n6-l2-f70.pddl | 0.00        | 0.00   | 0.00  | 0.00        | <b>0.00</b> | 0.01    |
| p38-s78-n3-l3-f50.pddl | 0.00        | 0.00   | 0.00  | 0.00        | <b>0.00</b> | 0.00    |
| p39-s79-n3-l3-f70.pddl | 0.01        | 0.01   | 0.01  | 0.01        | <b>0.00</b> | 0.02    |
| p40-s80-n3-l4-f10.pddl | 0.02        | 0.16   | 0.13  | None        | <b>0.00</b> | 0.14    |
| p41-s81-n3-l4-f30.pddl | 0.00        | 0.00   | 0.00  | 0.00        | <b>0.00</b> | 0.00    |
| p42-s82-n3-l4-f50.pddl | 0.00        | 0.00   | 0.01  | 0.00        | <b>0.00</b> | 0.01    |
| p43-s83-n3-l4-f70.pddl | 0.00        | 0.00   | 0.00  | 0.00        | <b>0.00</b> | 0.00    |

# rovers

| Tot dur gao | default     | marked | naive | psvn        | psvn_split | watched |
|-------------|-------------|--------|-------|-------------|------------|---------|
| p01.pddl    | <b>0.00</b> | 0.00   | 0.00  | 0.00        | 0.00       | 0.00    |
| p02.pddl    | <b>0.00</b> | 0.00   | 0.00  | 0.00        | 0.00       | 0.00    |
| p03.pddl    | <b>0.01</b> | 0.01   | 0.01  | 0.01        | 0.01       | 0.01    |
| p04.pddl    | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00       | 0.00    |
| p05.pddl    | <b>0.01</b> | 0.02   | 0.03  | 0.02        | 0.02       | 0.06    |
| p06.pddl    | <b>0.01</b> | 0.02   | 0.03  | 0.03        | 0.03       | 0.07    |
| p07.pddl    | <b>0.02</b> | 0.02   | 0.03  | None        | 0.03       | 0.05    |
| p08.pddl    | <b>0.02</b> | 0.02   | 0.05  | None        | 0.09       | 0.09    |
| p09.pddl    | <b>0.02</b> | 0.03   | 0.05  | None        | 0.06       | 0.11    |
| p10.pddl    | <b>0.02</b> | 0.03   | 0.06  | None        | 0.11       | 0.12    |
| p11.pddl    | <b>0.02</b> | 0.03   | 0.05  | None        | 0.09       | 0.09    |
| p12.pddl    | <b>0.02</b> | 0.02   | 0.05  | None        | 0.05       | 0.07    |
| p13.pddl    | <b>0.02</b> | 0.03   | 0.08  | None        | 0.17       | 0.11    |
| p14.pddl    | <b>0.02</b> | 0.03   | 0.07  | None        | 0.06       | 0.11    |
| p15.pddl    | <b>0.02</b> | 0.03   | 0.09  | None        | 0.08       | 0.11    |
| p16.pddl    | <b>0.02</b> | 0.03   | 0.07  | None        | 0.16       | 0.12    |
| p17.pddl    | <b>0.02</b> | 0.04   | 0.14  | None        | 0.41       | 0.21    |
| p18.pddl    | <b>0.02</b> | 0.05   | 0.22  | None        | 0.85       | 0.24    |
| p19.pddl    | <b>0.02</b> | 0.06   | 0.31  | None        | 2.02       | 0.33    |
| p20.pddl    | <b>0.02</b> | 0.08   | 0.45  | None        | 2.13       | 0.37    |
| p21.pddl    | <b>0.02</b> | 0.09   | 0.58  | None        | 4.53       | 0.36    |
| p22.pddl    | <b>0.02</b> | 0.09   | 0.56  | None        | 4.32       | 0.37    |
| p23.pddl    | <b>0.02</b> | 0.10   | 0.60  | None        | 5.47       | 0.56    |
| p24.pddl    | <b>0.02</b> | 0.10   | 0.63  | None        | 4.96       | 0.42    |
| p25.pddl    | <b>0.03</b> | 0.09   | 0.49  | None        | 4.72       | 0.40    |
| p26.pddl    | <b>0.03</b> | 0.07   | 0.37  | None        | 2.00       | 0.33    |
| p27.pddl    | <b>0.03</b> | 0.09   | 0.51  | None        | 5.75       | 0.51    |
| p28.pddl    | <b>0.03</b> | 0.14   | 0.92  | None        | 11.94      | 0.65    |
| p29.pddl    | <b>0.03</b> | 0.16   | 0.96  | None        | 12.38      | 0.73    |
| p30.pddl    | <b>0.03</b> | 0.17   | 1.02  | None        | None       | 0.89    |
| p31.pddl    | <b>0.03</b> | 0.16   | 0.93  | None        | 12.94      | 0.80    |
| p32.pddl    | <b>0.04</b> | 0.24   | 1.46  | None        | 31.42      | 1.11    |
| p33.pddl    | <b>0.03</b> | 0.25   | 1.55  | None        | 33.69      | 1.29    |
| p34.pddl    | <b>0.04</b> | 0.25   | 1.54  | None        | None       | 1.49    |
| p35.pddl    | <b>0.03</b> | 0.31   | 2.21  | None        | None       | 2.21    |
| p36.pddl    | <b>0.03</b> | 0.27   | 1.63  | None        | None       | 2.37    |
| p37.pddl    | <b>0.04</b> | 0.42   | 3.01  | None        | None       | 3.13    |
| p38.pddl    | <b>0.04</b> | 0.47   | 3.39  | None        | None       | 3.60    |
| p39.pddl    | <b>0.04</b> | 0.45   | 3.64  | None        | None       | 2.72    |
| p40.pddl    | <b>0.05</b> | 0.51   | 3.66  | None        | None       | 4.88    |

## satellite

| Tot dur gao         | default     | marked | naive  | psvn        | psvn_split  | watched |
|---------------------|-------------|--------|--------|-------------|-------------|---------|
| p01-pfile1.pddl     | 0.00        | 0.00   | 0.00   | 0.00        | <b>0.00</b> | 0.00    |
| p02-pfile2.pddl     | 0.00        | 0.00   | 0.00   | <b>0.00</b> | 0.00        | 0.00    |
| p03-pfile3.pddl     | <b>0.01</b> | 0.02   | 0.03   | 0.02        | 0.02        | 0.04    |
| p04-pfile4.pddl     | <b>0.01</b> | 0.02   | 0.04   | 0.02        | 0.02        | 0.04    |
| p05-pfile5.pddl     | <b>0.01</b> | 0.02   | 0.06   | None        | 0.08        | 0.07    |
| p06-pfile6.pddl     | <b>0.02</b> | 0.02   | 0.06   | 0.03        | 0.04        | 0.06    |
| p07-pfile7.pddl     | <b>0.02</b> | 0.03   | 0.09   | None        | 0.14        | 0.09    |
| p08-pfile8.pddl     | <b>0.02</b> | 0.04   | 0.14   | None        | 0.31        | 0.13    |
| p09-pfile9.pddl     | <b>0.02</b> | 0.05   | 0.16   | None        | 0.39        | 0.14    |
| p10-pfile10.pddl    | <b>0.02</b> | 0.06   | 0.21   | None        | 0.68        | 0.16    |
| p11-pfile11.pddl    | <b>0.02</b> | 0.07   | 0.28   | None        | 0.58        | 0.15    |
| p12-pfile12.pddl    | <b>0.03</b> | 0.10   | 0.42   | None        | 1.53        | 0.18    |
| p13-pfile13.pddl    | <b>0.03</b> | 0.14   | 0.59   | None        | 3.19        | 0.24    |
| p14-pfile14.pddl    | <b>0.03</b> | 0.13   | 0.48   | None        | 1.57        | 0.25    |
| p15-pfile15.pddl    | <b>0.04</b> | 0.16   | 0.69   | None        | 3.75        | 0.38    |
| p16-pfile16.pddl    | <b>0.05</b> | 0.19   | 0.82   | None        | 4.13        | 0.46    |
| p17-pfile17.pddl    | <b>0.05</b> | 0.22   | 1.00   | None        | 8.35        | 0.50    |
| p18-pfile18.pddl    | <b>0.03</b> | 0.11   | 0.42   | None        | 1.55        | 0.20    |
| p19-pfile19.pddl    | <b>0.03</b> | 0.11   | 0.45   | None        | 2.28        | 0.40    |
| p20-pfile20.pddl    | <b>0.03</b> | 0.11   | 0.45   | None        | 2.64        | 0.55    |
| p21-HC-pfile1.pddl  | <b>0.03</b> | 0.25   | 1.19   | None        | 7.22        | 0.36    |
| p22-HC-pfile2.pddl  | <b>0.04</b> | 0.37   | 1.74   | None        | 16.64       | 0.44    |
| p23-HC-pfile3.pddl  | <b>0.05</b> | 0.51   | 2.61   | None        | 18.72       | 0.68    |
| p24-HC-pfile4.pddl  | <b>0.06</b> | 0.92   | 5.03   | None        | 46.15       | 0.87    |
| p25-HC-pfile5.pddl  | <b>0.07</b> | 1.04   | 9.12   | None        | 113.27      | 0.92    |
| p26-HC-pfile6.pddl  | <b>0.07</b> | 1.04   | 7.62   | None        | 111.18      | 1.05    |
| p27-HC-pfile7.pddl  | <b>0.07</b> | 1.32   | 13.26  | None        | 124.67      | 1.08    |
| p28-HC-pfile8.pddl  | <b>0.11</b> | 2.43   | 33.15  | None        | None        | 1.87    |
| p29-HC-pfile9.pddl  | <b>0.14</b> | 3.75   | 49.86  | None        | None        | 2.33    |
| p30-HC-pfile10.pddl | <b>0.16</b> | 5.26   | 71.14  | None        | None        | 3.08    |
| p31-HC-pfile11.pddl | <b>0.22</b> | 8.23   | 108.78 | None        | None        | 4.97    |
| p32-HC-pfile12.pddl | <b>0.24</b> | 14.67  | 191.71 | None        | None        | 5.40    |
| p33-HC-pfile13.pddl | <b>0.28</b> | 21.16  | 293.78 | None        | None        | 8.58    |
| p34-HC-pfile14.pddl | <b>0.11</b> | 4.27   | 63.22  | None        | None        | 2.03    |
| p35-HC-pfile15.pddl | <b>0.13</b> | 6.99   | 99.62  | None        | None        | 3.37    |
| p36-HC-pfile16.pddl | <b>0.21</b> | 8.91   | 125.96 | None        | None        | 4.22    |



# scanalyzer-08-strips

| Tot dur gao | default     | marked | naive  | psvn        | psvn_split | watched |
|-------------|-------------|--------|--------|-------------|------------|---------|
| p01.pddl    | <b>0.02</b> | 0.03   | 0.09   | 0.02        | 0.02       | 0.06    |
| p02.pddl    | 0.02        | 0.03   | 0.07   | <b>0.02</b> | 0.02       | 0.05    |
| p03.pddl    | <b>0.02</b> | 0.02   | 0.06   | 0.02        | 0.02       | 0.05    |
| p04.pddl    | <b>0.02</b> | 0.06   | 0.30   | None        | None       | 0.09    |
| p05.pddl    | <b>0.02</b> | 0.04   | 0.18   | None        | 1.02       | 0.07    |
| p06.pddl    | <b>0.02</b> | 0.04   | 0.15   | None        | 0.60       | 0.06    |
| p07.pddl    | <b>0.04</b> | 0.11   | 0.70   | None        | None       | 0.14    |
| p08.pddl    | <b>0.03</b> | 0.07   | 0.41   | None        | None       | 0.10    |
| p09.pddl    | <b>0.02</b> | 0.06   | 0.36   | None        | 2.51       | 0.09    |
| p10.pddl    | <b>0.04</b> | 0.18   | 1.40   | None        | None       | 0.26    |
| p11.pddl    | <b>0.04</b> | 0.11   | 0.84   | None        | 5.04       | 0.15    |
| p12.pddl    | <b>0.03</b> | 0.10   | 0.70   | None        | None       | 0.12    |
| p13.pddl    | <b>0.05</b> | 0.32   | 2.58   | None        | None       | 0.40    |
| p14.pddl    | <b>0.04</b> | 0.17   | 1.51   | None        | None       | 0.19    |
| p15.pddl    | <b>0.04</b> | 0.15   | 1.31   | None        | None       | 0.19    |
| p16.pddl    | <b>0.07</b> | 0.56   | 4.63   | None        | None       | 0.56    |
| p17.pddl    | <b>0.05</b> | 0.30   | 2.43   | None        | None       | 0.30    |
| p18.pddl    | <b>0.05</b> | 0.25   | 2.22   | None        | None       | 0.22    |
| p19.pddl    | <b>0.08</b> | 0.93   | 17.59  | None        | None       | 0.73    |
| p20.pddl    | <b>0.06</b> | 0.43   | 4.65   | None        | None       | 0.39    |
| p21.pddl    | <b>0.05</b> | 0.42   | 3.75   | None        | None       | 0.42    |
| p22.pddl    | 0.00        | 0.00   | 0.00   | <b>0.00</b> | 0.00       | 0.00    |
| p23.pddl    | 0.00        | 0.00   | 0.00   | <b>0.00</b> | 0.00       | 0.00    |
| p24.pddl    | 0.00        | 0.00   | 0.00   | <b>0.00</b> | 0.00       | 0.00    |
| p25.pddl    | <b>0.02</b> | 0.74   | 5.38   | None        | 1.05       | 1.84    |
| p26.pddl    | <b>0.02</b> | 0.53   | 4.11   | None        | 0.94       | 1.48    |
| p27.pddl    | <b>0.02</b> | 0.46   | 3.30   | None        | 1.13       | 1.31    |
| p28.pddl    | <b>0.03</b> | 7.53   | 138.41 | None        | None       | 6.30    |
| p29.pddl    | <b>0.03</b> | 5.17   | 89.23  | None        | None       | 3.10    |
| p30.pddl    | <b>0.02</b> | 4.30   | 75.16  | None        | None       | 2.41    |

# scanalyzer-opt11-strips

| Tot dur gao | default     | marked | naive  | psvn        | psvn_split | watched |
|-------------|-------------|--------|--------|-------------|------------|---------|
| p01.pddl    | 0.00        | 0.00   | 0.00   | <b>0.00</b> | 0.00       | 0.00    |
| p02.pddl    | <b>0.02</b> | 0.03   | 0.07   | 0.02        | 0.02       | 0.05    |
| p03.pddl    | 0.02        | 0.02   | 0.05   | <b>0.01</b> | 0.02       | 0.05    |
| p04.pddl    | <b>0.02</b> | 0.06   | 0.29   | None        | None       | 0.09    |
| p05.pddl    | <b>0.03</b> | 0.10   | 0.68   | None        | None       | 0.15    |
| p06.pddl    | <b>0.02</b> | 0.05   | 0.18   | None        | 0.89       | 0.07    |
| p07.pddl    | <b>0.09</b> | 0.89   | 9.94   | None        | None       | 0.67    |
| p08.pddl    | <b>0.04</b> | 0.19   | 1.35   | None        | None       | 0.25    |
| p09.pddl    | <b>0.05</b> | 0.32   | 2.56   | None        | None       | 0.37    |
| p10.pddl    | <b>0.05</b> | 0.57   | 4.73   | None        | None       | 0.58    |
| p11.pddl    | <b>0.02</b> | 0.73   | 8.25   | None        | 1.07       | 1.76    |
| p12.pddl    | <b>0.02</b> | 0.04   | 0.15   | None        | 0.60       | 0.06    |
| p13.pddl    | <b>0.02</b> | 0.46   | 3.34   | None        | 1.19       | 1.11    |
| p14.pddl    | <b>0.02</b> | 0.54   | 4.05   | None        | 1.01       | 1.53    |
| p15.pddl    | <b>0.03</b> | 0.07   | 0.41   | None        | None       | 0.10    |
| p16.pddl    | <b>0.03</b> | 0.11   | 0.84   | None        | 4.93       | 0.14    |
| p17.pddl    | <b>0.04</b> | 0.18   | 1.46   | None        | None       | 0.18    |
| p18.pddl    | <b>0.05</b> | 0.29   | 2.49   | None        | None       | 0.36    |
| p19.pddl    | <b>0.06</b> | 0.45   | 3.96   | None        | None       | 0.38    |
| p20.pddl    | <b>0.03</b> | 7.86   | 138.36 | None        | None       | 4.27    |

# snake-opt18-strips

| Tot dur gao | default     | marked | naive | psvn | psvn_split | watched |
|-------------|-------------|--------|-------|------|------------|---------|
| p01.pddl    | <b>0.05</b> | 0.30   | 1.48  | None | 0.07       | 0.63    |
| p02.pddl    | <b>0.05</b> | 0.33   | 1.66  | None | 0.08       | 0.68    |
| p03.pddl    | <b>0.05</b> | 0.37   | 1.74  | None | 0.23       | 0.72    |
| p04.pddl    | <b>0.01</b> | 0.06   | 0.32  | None | 0.02       | 0.12    |
| p05.pddl    | <b>0.06</b> | 0.28   | 1.38  | None | 0.07       | 0.57    |
| p06.pddl    | <b>0.06</b> | 0.50   | 2.42  | None | 0.30       | 0.92    |
| p07.pddl    | <b>0.06</b> | 0.51   | 2.58  | None | 0.15       | 0.98    |
| p08.pddl    | <b>0.07</b> | 0.60   | 2.82  | None | 0.15       | 1.03    |
| p09.pddl    | <b>0.05</b> | 0.39   | 2.10  | None | 0.07       | 0.91    |
| p10.pddl    | <b>0.06</b> | 0.43   | 2.26  | None | 0.13       | 0.88    |
| p11.pddl    | <b>0.06</b> | 0.68   | 3.36  | None | 0.16       | 1.29    |
| p12.pddl    | <b>0.07</b> | 0.75   | 3.76  | None | 0.30       | 1.38    |
| p13.pddl    | <b>0.08</b> | 0.82   | 4.17  | None | 0.66       | 1.43    |
| p14.pddl    | <b>0.07</b> | 0.92   | 4.85  | None | 0.32       | 1.52    |
| p15.pddl    | <b>0.06</b> | 0.62   | 3.29  | None | 0.17       | 1.10    |
| p16.pddl    | <b>0.08</b> | 0.95   | 4.88  | None | 0.18       | 1.74    |
| p17.pddl    | <b>0.08</b> | 1.05   | 14.50 | None | 0.37       | 1.74    |
| p18.pddl    | <b>0.09</b> | 1.13   | 5.89  | None | 0.75       | 1.90    |
| p19.pddl    | <b>0.09</b> | 1.29   | 8.15  | None | 1.61       | 2.02    |
| p20.pddl    | <b>0.07</b> | 0.86   | 4.82  | None | 0.33       | 1.61    |

# sokoban-opt08-strips

| Tot dur gao | default     | marked      | naive | psvn | psvn_split  | watched |
|-------------|-------------|-------------|-------|------|-------------|---------|
| p01.pddl    | 0.00        | 0.00        | 0.00  | 0.01 | <b>0.00</b> | 0.01    |
| p02.pddl    | <b>0.00</b> | 0.00        | 0.00  | 0.00 | 0.00        | 0.01    |
| p03.pddl    | 0.00        | 0.00        | 0.00  | 0.00 | <b>0.00</b> | 0.00    |
| p04.pddl    | 0.04        | 0.02        | 0.03  | None | <b>0.00</b> | 0.09    |
| p05.pddl    | 0.09        | <b>0.04</b> | 0.12  | None | 0.25        | 0.15    |
| p06.pddl    | 0.02        | <b>0.02</b> | 0.03  | None | 0.02        | 0.04    |
| p07.pddl    | 0.05        | 0.03        | 0.04  | None | <b>0.00</b> | 0.15    |
| p08.pddl    | 0.05        | <b>0.03</b> | 0.04  | None | 0.09        | 0.10    |
| p09.pddl    | 0.04        | 0.02        | 0.04  | None | <b>0.00</b> | 0.11    |
| p10.pddl    | 0.03        | <b>0.02</b> | 0.03  | None | 0.05        | 0.09    |
| p11.pddl    | 0.04        | 0.02        | 0.04  | None | <b>0.00</b> | 0.24    |
| p12.pddl    | 0.05        | <b>0.03</b> | 0.05  | None | 0.10        | 0.11    |
| p13.pddl    | 0.04        | <b>0.02</b> | 0.04  | None | 0.05        | 0.08    |
| p14.pddl    | 0.04        | 0.02        | 0.03  | None | <b>0.00</b> | 0.09    |
| p15.pddl    | 0.07        | <b>0.03</b> | 0.05  | None | 0.11        | 0.15    |
| p16.pddl    | 0.05        | 0.03        | 0.04  | None | <b>0.00</b> | 0.14    |
| p17.pddl    | 0.05        | 0.03        | 0.04  | None | <b>0.01</b> | 0.11    |
| p18.pddl    | 0.06        | <b>0.03</b> | 0.05  | None | 0.03        | 0.14    |
| p19.pddl    | 0.06        | 0.03        | 0.05  | None | <b>0.01</b> | 0.11    |
| p20.pddl    | 0.01        | 0.00        | 0.00  | None | <b>0.00</b> | 0.11    |
| p21.pddl    | 0.10        | <b>0.05</b> | 0.17  | None | 0.62        | 0.17    |
| p22.pddl    | 0.06        | 0.03        | 0.05  | None | <b>0.00</b> | 0.12    |
| p23.pddl    | 0.04        | 0.03        | 0.05  | None | <b>0.02</b> | 0.08    |
| p24.pddl    | 0.05        | 0.03        | 0.05  | None | <b>0.00</b> | 0.12    |
| p25.pddl    | 0.06        | 0.03        | 0.05  | None | <b>0.02</b> | 0.12    |
| p26.pddl    | 0.07        | <b>0.03</b> | 0.06  | None | 0.10        | 0.12    |
| p27.pddl    | 0.06        | <b>0.03</b> | 0.07  | None | 0.11        | 0.14    |
| p28.pddl    | 0.06        | 0.03        | 0.05  | None | <b>0.00</b> | 0.15    |
| p29.pddl    | 0.14        | <b>0.06</b> | 0.21  | None | 0.64        | 0.24    |
| p30.pddl    | 0.12        | <b>0.06</b> | 0.24  | None | None        | 0.23    |

# sokoban-opt11-strips

| Tot dur gao | default | marked      | naive | psvn | psvn_split  | watched |
|-------------|---------|-------------|-------|------|-------------|---------|
| p01.pddl    | 0.02    | <b>0.02</b> | 0.03  | None | 0.02        | 0.05    |
| p02.pddl    | 0.04    | 0.02        | 0.04  | None | <b>0.01</b> | 0.11    |
| p03.pddl    | 0.04    | 0.02        | 0.04  | None | <b>0.00</b> | 0.09    |
| p04.pddl    | 0.04    | 0.02        | 0.03  | None | <b>0.00</b> | 0.08    |
| p05.pddl    | 0.05    | 0.03        | 0.04  | None | <b>0.00</b> | 0.13    |
| p06.pddl    | 0.04    | 0.03        | 0.04  | None | <b>0.00</b> | 0.24    |
| p07.pddl    | 0.03    | <b>0.02</b> | 0.04  | None | 0.05        | 0.09    |
| p08.pddl    | 0.05    | 0.02        | 0.04  | None | <b>0.00</b> | 0.11    |
| p09.pddl    | 0.05    | 0.03        | 0.04  | None | <b>0.00</b> | 0.15    |
| p10.pddl    | 0.09    | <b>0.04</b> | 0.11  | None | 0.25        | 0.15    |
| p11.pddl    | 0.04    | <b>0.02</b> | 0.04  | None | 0.05        | 0.08    |
| p12.pddl    | 0.01    | 0.00        | 0.00  | None | <b>0.00</b> | 0.11    |
| p13.pddl    | 0.05    | <b>0.03</b> | 0.05  | None | 0.10        | 0.10    |
| p14.pddl    | 0.05    | <b>0.03</b> | 0.05  | None | 0.10        | 0.11    |
| p15.pddl    | 0.06    | <b>0.03</b> | 0.05  | None | 0.03        | 0.14    |
| p16.pddl    | 0.07    | <b>0.03</b> | 0.05  | None | 0.11        | 0.15    |
| p17.pddl    | 0.06    | 0.03        | 0.05  | None | <b>0.01</b> | 0.10    |
| p18.pddl    | 0.10    | <b>0.05</b> | 0.16  | None | 0.61        | 0.16    |
| p19.pddl    | 0.06    | 0.03        | 0.05  | None | <b>0.00</b> | 0.12    |
| p20.pddl    | 0.04    | 0.03        | 0.05  | None | <b>0.01</b> | 0.09    |

# spider-opt18-strips

| Tot dur gao | default     | marked | naive | psvn | psvn_split  | watched |
|-------------|-------------|--------|-------|------|-------------|---------|
| p01.pddl    | 0.04        | 0.30   | 0.83  | None | <b>0.00</b> | 1.13    |
| p02.pddl    | <b>0.05</b> | 0.34   | 1.01  | None | None        | 1.46    |
| p03.pddl    | 0.08        | 0.94   | 2.82  | None | <b>0.02</b> | 3.48    |
| p04.pddl    | <b>0.10</b> | 1.20   | 3.68  | None | None        | 4.83    |
| p05.pddl    | <b>0.12</b> | 1.97   | 5.75  | None | None        | 8.23    |
| p06.pddl    | <b>0.16</b> | 3.14   | 19.21 | None | None        | 12.97   |
| p07.pddl    | 0.02        | 0.15   | 0.40  | None | <b>0.01</b> | 0.55    |
| p08.pddl    | <b>0.06</b> | 0.46   | 1.21  | None | None        | 1.76    |
| p09.pddl    | 0.08        | 0.93   | 2.86  | None | <b>0.02</b> | 3.56    |
| p10.pddl    | 0.10        | 1.21   | 3.64  | None | <b>0.02</b> | 4.82    |
| p11.pddl    | <b>0.13</b> | 2.07   | 7.30  | None | None        | 8.20    |
| p12.pddl    | <b>0.17</b> | 3.07   | 19.95 | None | None        | 13.00   |
| p13.pddl    | <b>0.20</b> | 3.85   | 23.94 | None | None        | 16.06   |
| p14.pddl    | 0.04        | 0.32   | 0.86  | None | <b>0.03</b> | 1.11    |
| p15.pddl    | <b>0.01</b> | 0.07   | 0.18  | None | None        | 0.27    |
| p16.pddl    | 0.07        | 0.97   | 3.25  | None | <b>0.02</b> | 3.48    |
| p17.pddl    | <b>0.08</b> | 1.11   | 3.46  | None | None        | 4.93    |
| p18.pddl    | <b>0.11</b> | 2.13   | 13.97 | None | None        | 8.17    |
| p19.pddl    | <b>0.13</b> | 3.37   | 21.30 | None | None        | 12.99   |
| p20.pddl    | <b>0.18</b> | 3.84   | 22.69 | None | None        | 15.93   |

## storage

| Tot dur gao | default     | marked      | naive | psvn        | psvn_split  | watched |
|-------------|-------------|-------------|-------|-------------|-------------|---------|
| p01.pddl    | 0.00        | 0.00        | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| p02.pddl    | 0.00        | <b>0.00</b> | 0.00  | 0.00        | 0.00        | 0.00    |
| p03.pddl    | 0.00        | <b>0.00</b> | 0.00  | 0.00        | 0.00        | 0.00    |
| p04.pddl    | <b>0.00</b> | 0.00        | 0.00  | 0.00        | 0.00        | 0.00    |
| p05.pddl    | <b>0.00</b> | 0.00        | 0.00  | 0.00        | 0.00        | 0.00    |
| p06.pddl    | 0.00        | 0.00        | 0.00  | 0.00        | <b>0.00</b> | 0.00    |
| p07.pddl    | <b>0.00</b> | 0.00        | 0.00  | 0.00        | 0.00        | 0.00    |
| p08.pddl    | <b>0.01</b> | 0.02        | 0.04  | None        | 0.03        | 0.03    |
| p09.pddl    | <b>0.02</b> | 0.03        | 0.07  | None        | 0.06        | 0.05    |
| p10.pddl    | <b>0.01</b> | 0.02        | 0.04  | None        | 0.02        | 0.05    |
| p11.pddl    | <b>0.02</b> | 0.03        | 0.07  | None        | 0.05        | 0.05    |
| p12.pddl    | <b>0.02</b> | 0.04        | 0.11  | None        | 0.08        | 0.06    |
| p13.pddl    | <b>0.01</b> | 0.02        | 0.05  | None        | 0.03        | 0.06    |
| p14.pddl    | <b>0.02</b> | 0.04        | 0.09  | None        | 0.08        | 0.07    |
| p15.pddl    | <b>0.02</b> | 0.05        | 0.14  | None        | 0.18        | 0.08    |
| p16.pddl    | <b>0.02</b> | 0.07        | 0.24  | None        | 0.34        | 0.10    |
| p17.pddl    | <b>0.02</b> | 0.08        | 0.30  | None        | 0.39        | 0.12    |
| p18.pddl    | <b>0.03</b> | 0.10        | 0.39  | None        | 0.84        | 0.13    |
| p19.pddl    | <b>0.03</b> | 0.12        | 0.47  | None        | 0.87        | 0.15    |
| p20.pddl    | <b>0.03</b> | 0.14        | 0.58  | None        | 1.02        | 0.17    |
| p21.pddl    | <b>0.03</b> | 0.21        | 0.83  | None        | 2.01        | 0.21    |
| p22.pddl    | <b>0.04</b> | 0.26        | 1.12  | None        | 4.22        | 0.23    |
| p23.pddl    | <b>0.04</b> | 0.29        | 1.19  | None        | 3.71        | 0.29    |
| p24.pddl    | <b>0.04</b> | 0.30        | 1.32  | None        | 4.12        | 0.29    |
| p25.pddl    | <b>0.04</b> | 0.39        | 1.56  | None        | 4.35        | 0.32    |
| p26.pddl    | <b>0.05</b> | 0.56        | 2.37  | None        | 10.04       | 0.39    |
| p27.pddl    | <b>0.06</b> | 0.63        | 2.62  | None        | 9.55        | 0.42    |
| p28.pddl    | <b>0.06</b> | 0.65        | 2.78  | None        | 9.74        | 0.43    |
| p29.pddl    | <b>0.06</b> | 0.81        | 3.18  | None        | None        | 0.49    |
| p30.pddl    | <b>0.07</b> | 0.89        | 3.56  | None        | None        | 0.52    |

# termes-opt18-strips

| Tot dur gao | default     | marked | naive | psvn | psvn_split | watched |
|-------------|-------------|--------|-------|------|------------|---------|
| p01.pddl    | <b>0.01</b> | 0.03   | 0.09  | 0.02 | 0.04       | 0.04    |
| p02.pddl    | <b>0.01</b> | 0.03   | 0.08  | 0.01 | 0.04       | 0.04    |
| p03.pddl    | <b>0.01</b> | 0.03   | 0.10  | None | 0.06       | 0.04    |
| p04.pddl    | <b>0.01</b> | 0.03   | 0.10  | None | 0.06       | 0.04    |
| p05.pddl    | <b>0.01</b> | 0.04   | 0.12  | None | 0.06       | 0.04    |
| p06.pddl    | <b>0.01</b> | 0.04   | 0.12  | None | 0.06       | 0.04    |
| p07.pddl    | <b>0.01</b> | 0.04   | 0.13  | None | 0.09       | 0.04    |
| p08.pddl    | <b>0.01</b> | 0.04   | 0.14  | None | 0.10       | 0.04    |
| p09.pddl    | <b>0.01</b> | 0.04   | 0.16  | None | 0.17       | 0.04    |
| p10.pddl    | <b>0.01</b> | 0.04   | 0.16  | None | 0.17       | 0.04    |
| p11.pddl    | <b>0.01</b> | 0.03   | 0.08  | 0.02 | 0.04       | 0.04    |
| p12.pddl    | <b>0.01</b> | 0.03   | 0.09  | 0.01 | 0.04       | 0.04    |
| p13.pddl    | <b>0.01</b> | 0.03   | 0.10  | None | 0.06       | 0.04    |
| p14.pddl    | <b>0.01</b> | 0.03   | 0.10  | None | 0.06       | 0.04    |
| p15.pddl    | <b>0.01</b> | 0.04   | 0.12  | None | 0.07       | 0.04    |
| p16.pddl    | <b>0.01</b> | 0.03   | 0.12  | None | 0.10       | 0.04    |
| p17.pddl    | <b>0.01</b> | 0.03   | 0.09  | 0.02 | 0.04       | 0.04    |
| p18.pddl    | <b>0.01</b> | 0.03   | 0.09  | 0.02 | 0.04       | 0.04    |
| p19.pddl    | <b>0.01</b> | 0.03   | 0.10  | None | 0.04       | 0.04    |
| p20.pddl    | <b>0.01</b> | 0.03   | 0.10  | None | 0.06       | 0.04    |



# tetris-opt14-strips

| Tot dur gao | default     | marked | naive | psvn | psvn_split | watched |
|-------------|-------------|--------|-------|------|------------|---------|
| p01-6.pddl  | <b>0.05</b> | 0.24   | 1.04  | None | None       | 6.21    |
| p01-8.pddl  | <b>0.08</b> | 0.73   | 2.60  | None | None       | 23.04   |
| p01-10.pddl | <b>0.08</b> | 0.51   | 2.01  | None | None       | 18.46   |
| p02-4.pddl  | <b>0.00</b> | 0.00   | 0.01  | None | None       | 0.03    |
| p02-6.pddl  | <b>0.07</b> | 0.43   | 1.73  | None | None       | 12.09   |
| p02-8.pddl  | <b>0.09</b> | 0.67   | 2.55  | None | None       | 22.62   |
| p02-10.pddl | <b>0.08</b> | 0.50   | 2.08  | None | None       | 19.02   |
| p03-4.pddl  | <b>0.02</b> | 0.11   | 0.42  | None | None       | 0.82    |
| p03-6.pddl  | <b>0.04</b> | 0.24   | 1.03  | None | None       | 4.34    |
| p03-8.pddl  | <b>0.17</b> | 1.06   | 4.54  | None | None       | 66.89   |
| p03-10.pddl | <b>0.24</b> | 1.44   | 7.05  | None | None       | 125.65  |
| p04-6.pddl  | <b>0.05</b> | 0.25   | 1.05  | None | None       | 6.22    |
| p04-8.pddl  | <b>0.14</b> | 0.84   | 3.45  | None | None       | 45.80   |
| p04-10.pddl | <b>0.21</b> | 1.14   | 4.87  | None | None       | 120.92  |
| p05-6.pddl  | <b>0.04</b> | 0.28   | 1.01  | None | None       | 4.19    |
| p05-8.pddl  | <b>0.16</b> | 0.98   | 4.41  | None | None       | 67.34   |
| p05-10.pddl | <b>0.22</b> | 1.46   | 6.90  | None | None       | 108.99  |

## tidybot-opt11-strips

| Tot dur gao | default     | marked | naive | psvn | psvn_split | watched |
|-------------|-------------|--------|-------|------|------------|---------|
| p01.pddl    | <b>0.00</b> | 0.00   | 0.00  | None | None       | 0.00    |
| p02.pddl    | <b>0.04</b> | 0.41   | 1.07  | None | None       | 1.18    |
| p03.pddl    | <b>0.04</b> | 0.28   | 0.77  | None | None       | 0.90    |
| p04.pddl    | <b>0.04</b> | 0.41   | 1.04  | None | None       | 1.18    |
| p05.pddl    | <b>0.05</b> | 0.69   | 1.71  | None | None       | 1.97    |
| p06.pddl    | <b>0.05</b> | 0.70   | 1.70  | None | None       | 1.96    |
| p07.pddl    | <b>0.05</b> | 0.66   | 1.73  | None | None       | 1.82    |
| p08.pddl    | <b>0.06</b> | 0.72   | 1.66  | None | None       | 1.95    |
| p09.pddl    | <b>0.07</b> | 1.15   | 2.62  | None | None       | 3.01    |
| p10.pddl    | <b>0.08</b> | 1.14   | 2.79  | None | None       | 3.01    |
| p11.pddl    | <b>0.08</b> | 1.16   | 2.76  | None | None       | 3.00    |
| p12.pddl    | <b>0.08</b> | 1.16   | 3.04  | None | None       | 2.91    |
| p13.pddl    | <b>0.08</b> | 1.17   | 2.67  | None | None       | 3.02    |
| p14.pddl    | <b>0.09</b> | 1.78   | 4.39  | None | None       | 4.68    |
| p15.pddl    | <b>0.10</b> | 1.84   | 4.22  | None | None       | 4.69    |
| p16.pddl    | <b>0.10</b> | 1.82   | 4.65  | None | None       | 4.90    |
| p17.pddl    | <b>0.10</b> | 1.80   | 4.31  | None | None       | 4.76    |
| p18.pddl    | <b>0.09</b> | 1.82   | 4.38  | None | None       | 4.62    |
| p19.pddl    | <b>0.10</b> | 1.84   | 4.61  | None | None       | 4.81    |
| p20.pddl    | <b>0.09</b> | 1.80   | 4.81  | None | None       | 4.84    |

### tidybot-opt14-strips

| Tot dur gao | default     | marked | naive | psvn | psvn_split | watched |
|-------------|-------------|--------|-------|------|------------|---------|
| p01.pddl    | <b>0.10</b> | 1.85   | 4.74  | None | None       | 4.97    |
| p02.pddl    | <b>0.10</b> | 1.83   | 5.10  | None | None       | 4.93    |
| p03.pddl    | <b>0.10</b> | 1.81   | 4.06  | None | None       | 4.82    |
| p04.pddl    | <b>0.10</b> | 1.82   | 4.90  | None | None       | 4.71    |
| p05.pddl    | <b>0.10</b> | 1.80   | 4.45  | None | None       | 4.71    |
| p06.pddl    | <b>0.09</b> | 1.83   | 4.23  | None | None       | 5.13    |
| p07.pddl    | <b>0.09</b> | 1.80   | 4.14  | None | None       | 4.78    |
| p08.pddl    | <b>0.10</b> | 1.85   | 4.81  | None | None       | 4.65    |
| p09.pddl    | <b>0.13</b> | 2.75   | 9.53  | None | None       | 7.34    |
| p10.pddl    | <b>0.12</b> | 2.70   | 9.12  | None | None       | 7.27    |
| p11.pddl    | <b>0.08</b> | 1.13   | 2.70  | None | None       | 3.01    |
| p12.pddl    | <b>0.07</b> | 1.15   | 2.81  | None | None       | 3.02    |
| p13.pddl    | <b>0.08</b> | 1.15   | 2.85  | None | None       | 3.12    |
| p14.pddl    | <b>0.10</b> | 1.74   | 5.02  | None | None       | 4.64    |
| p15.pddl    | <b>0.10</b> | 1.82   | 4.29  | None | None       | 4.66    |
| p16.pddl    | <b>0.10</b> | 1.79   | 4.67  | None | None       | 5.00    |
| p17.pddl    | <b>0.09</b> | 1.84   | 3.97  | None | None       | 4.81    |
| p18.pddl    | <b>0.10</b> | 1.82   | 5.67  | None | None       | 4.71    |
| p19.pddl    | <b>0.09</b> | 1.76   | 4.56  | None | None       | 4.73    |
| p20.pddl    | <b>0.09</b> | 1.79   | 4.44  | None | None       | 4.88    |

# tpp

| Tot dur gao | default     | marked | naive | psvn        | psvn_split  | watched |
|-------------|-------------|--------|-------|-------------|-------------|---------|
| p01.pddl    | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| p02.pddl    | <b>0.00</b> | 0.00   | 0.00  | 0.00        | 0.00        | 0.00    |
| p03.pddl    | 0.00        | 0.00   | 0.00  | 0.00        | <b>0.00</b> | 0.00    |
| p04.pddl    | 0.00        | 0.00   | 0.00  | 0.00        | <b>0.00</b> | 0.00    |
| p05.pddl    | <b>0.01</b> | 0.02   | 0.02  | 0.03        | 0.02        | 0.05    |
| p06.pddl    | <b>0.02</b> | 0.02   | 0.04  | None        | 0.04        | 0.09    |
| p07.pddl    | <b>0.02</b> | 0.02   | 0.04  | None        | 0.04        | 0.11    |
| p08.pddl    | <b>0.02</b> | 0.03   | 0.04  | None        | 0.07        | 0.13    |
| p09.pddl    | <b>0.02</b> | 0.04   | 0.07  | None        | 0.13        | 0.20    |
| p10.pddl    | <b>0.02</b> | 0.04   | 0.07  | None        | 0.13        | 0.24    |
| p11.pddl    | <b>0.02</b> | 0.04   | 0.12  | None        | 0.11        | 0.12    |
| p12.pddl    | <b>0.02</b> | 0.05   | 0.15  | None        | 0.21        | 0.16    |
| p13.pddl    | <b>0.02</b> | 0.07   | 0.24  | None        | 0.26        | 0.27    |
| p14.pddl    | <b>0.02</b> | 0.07   | 0.28  | None        | 0.30        | 0.35    |
| p15.pddl    | <b>0.02</b> | 0.08   | 0.31  | None        | 0.59        | 0.38    |
| p16.pddl    | <b>0.02</b> | 0.12   | 0.60  | None        | 1.36        | 0.52    |
| p17.pddl    | <b>0.02</b> | 0.15   | 0.78  | None        | 1.66        | 0.72    |
| p18.pddl    | <b>0.03</b> | 0.17   | 0.89  | None        | 1.81        | 0.82    |
| p19.pddl    | <b>0.02</b> | 0.18   | 0.97  | None        | 3.51        | 0.98    |
| p20.pddl    | <b>0.03</b> | 0.20   | 1.01  | None        | 3.90        | 1.13    |
| p21.pddl    | <b>0.02</b> | 0.26   | 1.56  | None        | 3.41        | 0.79    |
| p22.pddl    | <b>0.02</b> | 0.29   | 1.69  | None        | None        | 0.89    |
| p23.pddl    | <b>0.03</b> | 0.32   | 1.88  | None        | None        | 1.05    |
| p24.pddl    | <b>0.03</b> | 0.33   | 2.02  | None        | 7.77        | 1.16    |
| p25.pddl    | <b>0.03</b> | 0.51   | 2.53  | None        | None        | 1.53    |
| p26.pddl    | <b>0.03</b> | 0.76   | 4.37  | None        | None        | 2.10    |
| p27.pddl    | <b>0.03</b> | 0.80   | 4.41  | None        | None        | 2.27    |
| p28.pddl    | <b>0.04</b> | 0.90   | 5.24  | None        | None        | 2.60    |
| p29.pddl    | <b>0.04</b> | 1.07   | 8.32  | None        | None        | 3.40    |
| p30.pddl    | <b>0.04</b> | 1.11   | 10.51 | None        | None        | 3.82    |

# transport-opt08-strips

| Tot dur gao | default     | marked | naive | psvn        | psvn_split  | watched |
|-------------|-------------|--------|-------|-------------|-------------|---------|
| p01.pddl    | 0.00        | 0.00   | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| p02.pddl    | <b>0.00</b> | 0.00   | 0.01  | 0.00        | 0.01        | 0.01    |
| p03.pddl    | <b>0.01</b> | 0.03   | 0.09  | None        | 0.13        | 0.03    |
| p04.pddl    | <b>0.01</b> | 0.03   | 0.14  | None        | 0.25        | 0.04    |
| p05.pddl    | <b>0.01</b> | 0.05   | 0.23  | None        | 0.53        | 0.05    |
| p06.pddl    | <b>0.02</b> | 0.07   | 0.45  | None        | 1.19        | 0.05    |
| p07.pddl    | <b>0.02</b> | 0.09   | 0.59  | None        | 1.50        | 0.05    |
| p08.pddl    | <b>0.02</b> | 0.11   | 0.71  | None        | None        | 0.05    |
| p09.pddl    | <b>0.02</b> | 0.15   | 0.92  | None        | 2.93        | 0.06    |
| p10.pddl    | <b>0.02</b> | 0.17   | 1.08  | None        | 4.51        | 0.06    |
| p11.pddl    | <b>0.00</b> | 0.00   | 0.00  | 0.00        | 0.00        | 0.00    |
| p12.pddl    | <b>0.01</b> | 0.02   | 0.06  | 0.03        | 0.03        | 0.03    |
| p13.pddl    | <b>0.01</b> | 0.03   | 0.11  | None        | 0.20        | 0.03    |
| p14.pddl    | <b>0.01</b> | 0.04   | 0.20  | None        | 0.32        | 0.03    |
| p15.pddl    | <b>0.02</b> | 0.05   | 0.29  | None        | 0.59        | 0.03    |
| p16.pddl    | <b>0.02</b> | 0.09   | 0.60  | None        | 1.58        | 0.05    |
| p17.pddl    | <b>0.02</b> | 0.12   | 0.77  | None        | 2.40        | 0.05    |
| p18.pddl    | <b>0.02</b> | 0.16   | 1.01  | None        | 3.57        | 0.05    |
| p19.pddl    | <b>0.02</b> | 0.18   | 1.18  | None        | 4.17        | 0.05    |
| p20.pddl    | <b>0.02</b> | 0.23   | 1.39  | None        | None        | 0.05    |
| p21.pddl    | 0.00        | 0.00   | 0.00  | 0.00        | <b>0.00</b> | 0.00    |
| p22.pddl    | <b>0.01</b> | 0.02   | 0.04  | 0.01        | 0.02        | 0.02    |
| p23.pddl    | <b>0.01</b> | 0.03   | 0.09  | None        | 0.14        | 0.03    |
| p24.pddl    | <b>0.01</b> | 0.04   | 0.14  | None        | 0.22        | 0.03    |
| p25.pddl    | <b>0.01</b> | 0.05   | 0.22  | None        | 0.50        | 0.04    |
| p26.pddl    | <b>0.02</b> | 0.09   | 0.44  | None        | 1.32        | 0.05    |
| p27.pddl    | <b>0.02</b> | 0.10   | 0.61  | None        | 1.56        | 0.04    |
| p28.pddl    | <b>0.02</b> | 0.13   | 0.75  | None        | 2.44        | 0.05    |
| p29.pddl    | <b>0.02</b> | 0.16   | 0.93  | None        | 2.90        | 0.05    |
| p30.pddl    | <b>0.03</b> | 0.20   | 1.04  | None        | 3.63        | 0.06    |

# transport-opt11-strips

| Tot dur gao | default     | marked | naive | psvn | psvn_split | watched |
|-------------|-------------|--------|-------|------|------------|---------|
| p01.pddl    | <b>0.01</b> | 0.03   | 0.08  | None | 0.16       | 0.03    |
| p02.pddl    | <b>0.01</b> | 0.03   | 0.09  | None | 0.15       | 0.03    |
| p03.pddl    | <b>0.01</b> | 0.02   | 0.06  | 0.03 | 0.03       | 0.03    |
| p04.pddl    | <b>0.01</b> | 0.03   | 0.12  | None | 0.17       | 0.03    |
| p05.pddl    | <b>0.01</b> | 0.04   | 0.14  | None | 0.20       | 0.04    |
| p06.pddl    | <b>0.01</b> | 0.03   | 0.14  | None | 0.21       | 0.04    |
| p07.pddl    | <b>0.01</b> | 0.04   | 0.20  | None | 0.45       | 0.04    |
| p08.pddl    | <b>0.02</b> | 0.06   | 0.29  | None | 0.59       | 0.05    |
| p09.pddl    | <b>0.01</b> | 0.05   | 0.24  | None | 0.47       | 0.04    |
| p10.pddl    | <b>0.02</b> | 0.07   | 0.35  | None | 0.86       | 0.04    |
| p11.pddl    | <b>0.02</b> | 0.05   | 0.27  | None | 0.42       | 0.03    |
| p12.pddl    | <b>0.02</b> | 0.08   | 0.40  | None | 0.03       | 0.04    |
| p13.pddl    | <b>0.02</b> | 0.05   | 0.29  | None | 0.54       | 0.04    |
| p14.pddl    | <b>0.02</b> | 0.09   | 0.43  | None | 1.17       | 0.05    |
| p15.pddl    | <b>0.01</b> | 0.06   | 0.32  | None | 0.78       | 0.04    |
| p16.pddl    | <b>0.02</b> | 0.09   | 0.48  | None | 1.15       | 0.05    |
| p17.pddl    | <b>0.02</b> | 0.05   | 0.23  | None | 0.49       | 0.05    |
| p18.pddl    | <b>0.02</b> | 0.04   | 0.20  | None | 0.31       | 0.03    |
| p19.pddl    | <b>0.01</b> | 0.05   | 0.22  | None | 0.49       | 0.04    |
| p20.pddl    | <b>0.02</b> | 0.07   | 0.44  | None | 1.00       | 0.05    |

# transport-opt14-strips

| Tot dur gao | default     | marked | naive | psvn | psvn_split | watched |
|-------------|-------------|--------|-------|------|------------|---------|
| p01.pddl    | <b>0.01</b> | 0.02   | 0.06  | 0.03 | 0.03       | 0.04    |
| p02.pddl    | <b>0.01</b> | 0.03   | 0.10  | None | 0.16       | 0.03    |
| p03.pddl    | <b>0.02</b> | 0.03   | 0.15  | None | 0.27       | 0.05    |
| p04.pddl    | <b>0.02</b> | 0.06   | 0.27  | None | 0.63       | 0.04    |
| p05.pddl    | <b>0.02</b> | 0.06   | 0.40  | None | 1.05       | 0.05    |
| p06.pddl    | <b>0.02</b> | 0.08   | 0.42  | None | 1.02       | 0.04    |
| p07.pddl    | <b>0.01</b> | 0.03   | 0.09  | None | 0.14       | 0.03    |
| p08.pddl    | <b>0.01</b> | 0.04   | 0.20  | None | 0.37       | 0.03    |
| p09.pddl    | <b>0.02</b> | 0.05   | 0.29  | None | 0.65       | 0.03    |
| p10.pddl    | <b>0.02</b> | 0.09   | 0.53  | None | 1.41       | 0.03    |
| p11.pddl    | <b>0.02</b> | 0.13   | 0.74  | None | None       | 0.04    |
| p12.pddl    | <b>0.02</b> | 0.14   | 0.83  | None | 2.41       | 0.03    |
| p13.pddl    | <b>0.01</b> | 0.03   | 0.14  | None | 0.04       | 0.03    |
| p14.pddl    | <b>0.02</b> | 0.06   | 0.30  | None | 0.73       | 0.03    |
| p15.pddl    | <b>0.02</b> | 0.08   | 0.44  | None | None       | 0.03    |
| p16.pddl    | <b>0.02</b> | 0.13   | 0.72  | None | 2.56       | 0.04    |
| p17.pddl    | <b>0.02</b> | 0.19   | 1.11  | None | 4.06       | 0.04    |
| p18.pddl    | <b>0.02</b> | 0.22   | 1.26  | None | 4.13       | 0.04    |
| p19.pddl    | <b>0.02</b> | 0.23   | 1.37  | None | 4.88       | 0.04    |
| p20.pddl    | <b>0.02</b> | 0.24   | 1.40  | None | 5.06       | 0.04    |

## trucks-strips

| Tot dur gao | default     | marked | naive | psvn | psvn_split | watched |
|-------------|-------------|--------|-------|------|------------|---------|
| p01.pddl    | <b>0.01</b> | 0.01   | 0.02  | 0.01 | 0.01       | 0.01    |
| p02.pddl    | <b>0.01</b> | 0.02   | 0.06  | 0.02 | 0.02       | 0.03    |
| p03.pddl    | <b>0.01</b> | 0.03   | 0.12  | 0.04 | 0.04       | 0.05    |
| p04.pddl    | <b>0.02</b> | 0.03   | 0.13  | None | 0.04       | 0.06    |
| p05.pddl    | <b>0.02</b> | 0.05   | 0.26  | None | 0.11       | 0.07    |
| p06.pddl    | <b>0.02</b> | 0.06   | 0.29  | None | 0.19       | 0.08    |
| p07.pddl    | <b>0.02</b> | 0.04   | 0.18  | None | 0.06       | 0.06    |
| p08.pddl    | <b>0.02</b> | 0.07   | 0.33  | None | 0.10       | 0.08    |
| p09.pddl    | <b>0.02</b> | 0.07   | 0.40  | None | 0.11       | 0.09    |
| p10.pddl    | <b>0.02</b> | 0.09   | 0.45  | None | 0.12       | 0.10    |
| p11.pddl    | <b>0.02</b> | 0.13   | 0.79  | None | 0.23       | 0.14    |
| p12.pddl    | <b>0.03</b> | 0.15   | 0.85  | None | 0.49       | 0.16    |
| p13.pddl    | <b>0.02</b> | 0.15   | 0.77  | None | 0.47       | 0.13    |
| p14.pddl    | <b>0.02</b> | 0.15   | 0.86  | None | 0.51       | 0.13    |
| p15.pddl    | <b>0.02</b> | 0.20   | 0.94  | None | 0.53       | 0.16    |
| p16.pddl    | <b>0.03</b> | 0.22   | 1.01  | None | 1.10       | 0.17    |
| p17.pddl    | <b>0.03</b> | 0.33   | 1.90  | None | 2.50       | 0.24    |
| p18.pddl    | <b>0.03</b> | 0.36   | 1.95  | None | 2.64       | 0.22    |
| p19.pddl    | <b>0.03</b> | 0.35   | 1.78  | None | 2.45       | 0.22    |
| p20.pddl    | <b>0.03</b> | 0.40   | 1.95  | None | 2.85       | 0.24    |
| p21.pddl    | <b>0.03</b> | 0.42   | 2.01  | None | 2.88       | 0.23    |
| p22.pddl    | <b>0.03</b> | 0.46   | 2.25  | None | 1.52       | 0.28    |
| p23.pddl    | <b>0.04</b> | 0.72   | 3.85  | None | None       | 0.41    |
| p24.pddl    | <b>0.04</b> | 0.77   | 3.94  | None | None       | 0.40    |
| p25.pddl    | <b>0.04</b> | 0.64   | 3.22  | None | 3.25       | 2.04    |
| p26.pddl    | <b>0.04</b> | 0.69   | 3.50  | None | None       | 2.20    |
| p27.pddl    | <b>0.05</b> | 0.79   | 4.15  | None | None       | 2.59    |
| p28.pddl    | <b>0.05</b> | 0.80   | 4.06  | None | None       | 2.81    |
| p29.pddl    | <b>0.06</b> | 1.40   | 8.87  | None | None       | 3.42    |
| p30.pddl    | <b>0.07</b> | 1.47   | 12.73 | None | None       | 3.63    |



# visitall-opt11-strips

| Tot dur gao         | default     | marked | naive       | psvn        | psvn_split  | watched |
|---------------------|-------------|--------|-------------|-------------|-------------|---------|
| problem02-full.pddl | 0.00        | 0.00   | 0.00        | 0.00        | <b>0.00</b> | 0.00    |
| problem02-half.pddl | 0.00        | 0.00   | <b>0.00</b> | 0.00        | 0.00        | 0.00    |
| problem03-full.pddl | 0.00        | 0.00   | 0.00        | <b>0.00</b> | 0.00        | 0.00    |
| problem03-half.pddl | 0.00        | 0.00   | 0.00        | <b>0.00</b> | 0.00        | 0.00    |
| problem04-full.pddl | 0.01        | 0.01   | 0.02        | <b>0.01</b> | 0.01        | 0.03    |
| problem04-half.pddl | 0.00        | 0.00   | 0.00        | <b>0.00</b> | 0.00        | 0.00    |
| problem05-full.pddl | 0.01        | 0.01   | 0.02        | <b>0.01</b> | 0.01        | 0.05    |
| problem05-half.pddl | 0.01        | 0.01   | 0.02        | <b>0.01</b> | 0.01        | 0.03    |
| problem06-full.pddl | 0.01        | 0.02   | 0.02        | <b>0.01</b> | 0.01        | 0.09    |
| problem06-half.pddl | 0.01        | 0.01   | 0.02        | <b>0.01</b> | 0.01        | 0.03    |
| problem07-full.pddl | 0.01        | 0.02   | 0.03        | <b>0.01</b> | 0.01        | 0.13    |
| problem07-half.pddl | <b>0.01</b> | 0.02   | 0.03        | 0.01        | 0.01        | 0.08    |
| problem08-full.pddl | 0.01        | 0.02   | 0.03        | <b>0.01</b> | 0.01        | 0.19    |
| problem08-half.pddl | 0.01        | 0.02   | 0.04        | <b>0.01</b> | 0.01        | 0.08    |
| problem09-full.pddl | 0.01        | 0.02   | 0.04        | <b>0.01</b> | 0.01        | 0.29    |
| problem09-half.pddl | 0.01        | 0.02   | 0.04        | <b>0.01</b> | 0.01        | 0.13    |
| problem10-full.pddl | 0.01        | 0.02   | 0.05        | <b>0.01</b> | 0.02        | 0.41    |
| problem10-half.pddl | 0.01        | 0.02   | 0.05        | <b>0.01</b> | 0.01        | 0.13    |
| problem11-full.pddl | 0.01        | 0.03   | 0.06        | <b>0.01</b> | 0.02        | 0.57    |
| problem11-half.pddl | 0.01        | 0.02   | 0.06        | <b>0.01</b> | 0.01        | 0.18    |

# visitall-opt14-strips

| Tot dur gao  | default     | marked | naive | psvn        | psvn_split | watched |
|--------------|-------------|--------|-------|-------------|------------|---------|
| p-1-5.pddl   | 0.01        | 0.01   | 0.02  | <b>0.01</b> | 0.01       | 0.05    |
| p-1-6.pddl   | <b>0.01</b> | 0.02   | 0.02  | 0.01        | 0.01       | 0.09    |
| p-1-7.pddl   | 0.01        | 0.02   | 0.03  | <b>0.01</b> | 0.01       | 0.12    |
| p-1-8.pddl   | 0.01        | 0.02   | 0.03  | <b>0.01</b> | 0.01       | 0.19    |
| p-1-9.pddl   | 0.01        | 0.02   | 0.04  | <b>0.01</b> | 0.01       | 0.28    |
| p-1-10.pddl  | 0.01        | 0.02   | 0.05  | <b>0.01</b> | 0.01       | 0.41    |
| p-1-11.pddl  | <b>0.01</b> | 0.03   | 0.06  | 0.01        | 0.02       | 0.57    |
| p-1-12.pddl  | <b>0.01</b> | 0.03   | 0.07  | 0.01        | 0.02       | 0.77    |
| p-1-13.pddl  | 0.01        | 0.03   | 0.08  | <b>0.01</b> | 0.02       | 1.05    |
| p-1-14.pddl  | <b>0.01</b> | 0.04   | 0.09  | 0.01        | 0.02       | 1.37    |
| p-1-15.pddl  | 0.01        | 0.04   | 0.11  | <b>0.01</b> | 0.02       | 1.72    |
| p-1-16.pddl  | <b>0.01</b> | 0.05   | 0.12  | 0.01        | 0.02       | 2.29    |
| p-1-17.pddl  | 0.01        | 0.05   | 0.14  | <b>0.01</b> | 0.02       | 2.89    |
| p-1-18.pddl  | 0.01        | 0.05   | 0.17  | <b>0.01</b> | 0.02       | 3.61    |
| p-05-5.pddl  | 0.01        | 0.01   | 0.02  | <b>0.01</b> | 0.01       | 0.03    |
| p-05-6.pddl  | <b>0.01</b> | 0.01   | 0.02  | 0.01        | 0.01       | 0.03    |
| p-05-7.pddl  | 0.01        | 0.02   | 0.03  | <b>0.01</b> | 0.01       | 0.04    |
| p-05-8.pddl  | 0.01        | 0.02   | 0.04  | <b>0.01</b> | 0.01       | 0.07    |
| p-05-9.pddl  | <b>0.01</b> | 0.02   | 0.04  | 0.01        | 0.01       | 0.11    |
| p-05-10.pddl | 0.01        | 0.02   | 0.05  | <b>0.01</b> | 0.01       | 0.12    |

# woodworking-opt08-strips

| Tot dur gao | default     | marked | naive | psvn | psvn_split | watched |
|-------------|-------------|--------|-------|------|------------|---------|
| p01.pddl    | <b>0.02</b> | 0.02   | 0.05  | None | 0.03       | 0.05    |
| p02.pddl    | <b>0.02</b> | 0.03   | 0.06  | None | 0.04       | 0.06    |
| p03.pddl    | <b>0.02</b> | 0.04   | 0.11  | None | 0.12       | 0.13    |
| p04.pddl    | <b>0.03</b> | 0.05   | 0.15  | None | 0.29       | 0.21    |
| p05.pddl    | <b>0.03</b> | 0.06   | 0.20  | None | 0.31       | 0.30    |
| p06.pddl    | <b>0.03</b> | 0.05   | 0.16  | None | 0.33       | 0.27    |
| p07.pddl    | <b>0.03</b> | 0.06   | 0.24  | None | 0.32       | 0.39    |
| p08.pddl    | <b>0.04</b> | 0.08   | 0.29  | None | 0.80       | 0.61    |
| p09.pddl    | <b>0.03</b> | 0.07   | 0.26  | None | 0.66       | 0.51    |
| p10.pddl    | <b>0.05</b> | 0.09   | 0.38  | None | 1.80       | 0.71    |
| p11.pddl    | <b>0.01</b> | 0.01   | 0.02  | 0.01 | 0.01       | 0.02    |
| p12.pddl    | <b>0.02</b> | 0.04   | 0.09  | None | 0.11       | 0.11    |
| p13.pddl    | <b>0.03</b> | 0.04   | 0.12  | None | 0.13       | 0.16    |
| p14.pddl    | <b>0.02</b> | 0.04   | 0.10  | None | 0.13       | 0.15    |
| p15.pddl    | <b>0.03</b> | 0.05   | 0.16  | None | 0.27       | 0.24    |
| p16.pddl    | <b>0.03</b> | 0.06   | 0.21  | None | 0.30       | 0.29    |
| p17.pddl    | <b>0.03</b> | 0.07   | 0.25  | None | 0.37       | 0.40    |
| p18.pddl    | <b>0.04</b> | 0.07   | 0.27  | None | 0.79       | 0.47    |
| p19.pddl    | <b>0.04</b> | 0.08   | 0.31  | None | 0.46       | 0.58    |
| p20.pddl    | <b>0.04</b> | 0.09   | 0.36  | None | 1.73       | 0.80    |
| p21.pddl    | <b>0.00</b> | 0.00   | 0.00  | 0.00 | 0.00       | 0.00    |
| p22.pddl    | <b>0.02</b> | 0.03   | 0.07  | None | 0.04       | 0.08    |
| p23.pddl    | <b>0.02</b> | 0.03   | 0.07  | None | 0.10       | 0.11    |
| p24.pddl    | <b>0.02</b> | 0.04   | 0.13  | None | 0.13       | 0.17    |
| p25.pddl    | <b>0.03</b> | 0.05   | 0.18  | None | 0.28       | 0.23    |
| p26.pddl    | <b>0.03</b> | 0.06   | 0.19  | None | 0.46       | 0.31    |
| p27.pddl    | <b>0.03</b> | 0.06   | 0.20  | None | 0.32       | 0.35    |
| p28.pddl    | <b>0.04</b> | 0.06   | 0.23  | None | 0.38       | 0.41    |
| p29.pddl    | <b>0.04</b> | 0.07   | 0.34  | None | 0.88       | 0.65    |
| p30.pddl    | <b>0.04</b> | 0.08   | 0.32  | None | 0.77       | 0.61    |

# woodworking-opt11-strips

| Tot dur gao | default     | marked | naive | psvn | psvn_split | watched |
|-------------|-------------|--------|-------|------|------------|---------|
| p01.pddl    | <b>0.02</b> | 0.03   | 0.07  | None | 0.10       | 0.11    |
| p02.pddl    | <b>0.02</b> | 0.04   | 0.10  | None | 0.11       | 0.11    |
| p03.pddl    | <b>0.03</b> | 0.04   | 0.13  | None | 0.13       | 0.16    |
| p04.pddl    | <b>0.02</b> | 0.04   | 0.10  | None | 0.12       | 0.13    |
| p05.pddl    | <b>0.02</b> | 0.04   | 0.13  | None | 0.13       | 0.18    |
| p06.pddl    | <b>0.03</b> | 0.05   | 0.15  | None | 0.29       | 0.22    |
| p07.pddl    | <b>0.02</b> | 0.04   | 0.10  | None | 0.18       | 0.16    |
| p08.pddl    | <b>0.03</b> | 0.05   | 0.17  | None | 0.27       | 0.24    |
| p09.pddl    | <b>0.03</b> | 0.06   | 0.20  | None | 0.30       | 0.30    |
| p10.pddl    | <b>0.03</b> | 0.05   | 0.16  | None | 0.27       | 0.24    |
| p11.pddl    | <b>0.03</b> | 0.05   | 0.19  | None | 0.36       | 0.30    |
| p12.pddl    | <b>0.03</b> | 0.06   | 0.20  | None | 0.31       | 0.28    |
| p13.pddl    | <b>0.03</b> | 0.05   | 0.16  | None | 0.33       | 0.27    |
| p14.pddl    | <b>0.03</b> | 0.06   | 0.20  | None | 0.31       | 0.35    |
| p15.pddl    | <b>0.03</b> | 0.07   | 0.25  | None | 0.36       | 0.42    |
| p16.pddl    | <b>0.03</b> | 0.06   | 0.23  | None | 0.34       | 0.39    |
| p17.pddl    | <b>0.03</b> | 0.07   | 0.23  | None | 0.38       | 0.41    |
| p18.pddl    | <b>0.03</b> | 0.07   | 0.28  | None | 0.81       | 0.48    |
| p19.pddl    | <b>0.04</b> | 0.07   | 0.30  | None | 0.81       | 0.59    |
| p20.pddl    | <b>0.04</b> | 0.08   | 0.31  | None | 0.88       | 0.64    |

## zenotravel

| Tot dur gao | default     | marked      | naive | psvn        | psvn_split  | watched |
|-------------|-------------|-------------|-------|-------------|-------------|---------|
| p01.pddl    | 0.00        | 0.00        | 0.00  | 0.00        | <b>0.00</b> | 0.00    |
| p02.pddl    | 0.00        | 0.00        | 0.00  | <b>0.00</b> | 0.00        | 0.00    |
| p03.pddl    | 0.01        | <b>0.01</b> | 0.01  | 0.01        | 0.01        | 0.02    |
| p04.pddl    | 0.01        | 0.01        | 0.03  | <b>0.01</b> | 0.01        | 0.02    |
| p05.pddl    | <b>0.01</b> | 0.03        | 0.08  | 0.02        | 0.02        | 0.04    |
| p06.pddl    | <b>0.01</b> | 0.03        | 0.08  | 0.04        | 0.03        | 0.04    |
| p07.pddl    | <b>0.01</b> | 0.02        | 0.08  | 0.03        | 0.02        | 0.04    |
| p08.pddl    | <b>0.02</b> | 0.04        | 0.17  | None        | 0.06        | 0.06    |
| p09.pddl    | <b>0.02</b> | 0.04        | 0.18  | None        | 0.06        | 0.06    |
| p10.pddl    | <b>0.02</b> | 0.04        | 0.18  | None        | 0.07        | 0.06    |
| p11.pddl    | <b>0.02</b> | 0.05        | 0.25  | None        | 0.11        | 0.07    |
| p12.pddl    | <b>0.02</b> | 0.05        | 0.25  | None        | 0.11        | 0.07    |
| p13.pddl    | <b>0.02</b> | 0.05        | 0.26  | None        | 0.12        | 0.07    |
| p14.pddl    | <b>0.02</b> | 0.14        | 0.94  | None        | 0.61        | 0.15    |
| p15.pddl    | <b>0.02</b> | 0.17        | 1.28  | None        | 1.11        | 0.14    |
| p16.pddl    | <b>0.05</b> | 0.26        | 1.79  | None        | 1.40        | 0.28    |
| p17.pddl    | <b>0.05</b> | 0.31        | 2.38  | None        | 1.51        | 0.28    |
| p18.pddl    | <b>0.05</b> | 0.38        | 2.92  | None        | 2.53        | 0.26    |
| p19.pddl    | <b>0.07</b> | 0.41        | 3.75  | None        | 2.82        | 0.30    |
| p20.pddl    | <b>0.06</b> | 0.55        | 6.96  | None        | 2.78        | 0.30    |

## total\_time

| Total time                         | default     | marked      | naive       | psvn        | psvn_split | watched     |
|------------------------------------|-------------|-------------|-------------|-------------|------------|-------------|
| airport (9)                        | 0.01        | 0.01        | <b>0.01</b> | 0.07        | 0.08       | 0.01        |
| blocks (6)                         | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | 0.12        | 0.16       | <b>0.01</b> |
| depot (1)                          | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | 0.09        | 0.11       | <b>0.01</b> |
| driverlog (4)                      | <b>0.05</b> | 0.05        | 0.05        | 0.45        | 0.36       | 0.05        |
| elevators-opt08-strips (1)         | <b>0.11</b> | 0.12        | 0.15        | 3.72        | 1.41       | 0.14        |
| floortile-opt11-strips (4)         | <b>0.11</b> | 0.12        | 0.14        | 5.28        | 2.18       | 0.14        |
| floortile-opt14-strips (2)         | <b>0.12</b> | 0.13        | 0.15        | 7.56        | 2.41       | 0.15        |
| ged-opt14-strips (3)               | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | 0.65        | 1.01       | <b>0.01</b> |
| gripper (4)                        | <b>0.03</b> | 0.03        | 0.03        | 0.13        | 0.11       | 0.03        |
| hiking-opt14-strips (7)            | <b>0.06</b> | 0.07        | 0.11        | 0.40        | 0.46       | 0.08        |
| logistics00 (10)                   | <b>0.05</b> | 0.05        | 0.06        | 0.67        | 0.71       | 0.06        |
| logistics98 (2)                    | <b>0.08</b> | 0.08        | 0.10        | 3.54        | 2.06       | 0.10        |
| miconic (150)                      | <b>0.09</b> | 0.11        | 0.17        | 0.09        | 0.09       | 0.13        |
| mystery (4)                        | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | 0.06        | 0.07       | <b>0.01</b> |
| nomystery-opt11-strips (6)         | <b>0.04</b> | 0.05        | 0.09        | 1.16        | 0.95       | 0.05        |
| openstacks-opt08-strips (4)        | <b>0.02</b> | 0.02        | 0.02        | 0.19        | 0.23       | 0.02        |
| openstacks-strips (5)              | <b>0.03</b> | 0.03        | 0.04        | 0.56        | 0.70       | 0.04        |
| organic-synthesis-opt18-strips (4) | <b>0.02</b> | 0.02        | 0.02        | 0.03        | 0.04       | 0.02        |
| parcprinter-08-strips (7)          | 0.03        | <b>0.03</b> | 0.03        | 0.05        | 0.06       | 0.03        |
| parcprinter-opt11-strips (3)       | 0.07        | <b>0.07</b> | 0.07        | 0.22        | 0.30       | 0.08        |
| pegsol-08-strips (2)               | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | 0.84        | 0.71       | <b>0.01</b> |
| psr-small (45)                     | <b>0.02</b> | 0.02        | 0.02        | 0.04        | 0.03       | 0.02        |
| rovers (6)                         | <b>0.03</b> | 0.03        | 0.03        | 0.07        | 0.07       | 0.03        |
| satellite (5)                      | <b>0.04</b> | 0.05        | 0.05        | 0.08        | 0.09       | 0.05        |
| scanalyzer-08-strips (6)           | <b>0.03</b> | 0.03        | 0.04        | 0.06        | 0.06       | 0.04        |
| scanalyzer-opt11-strips (3)        | <b>0.04</b> | 0.05        | 0.06        | 0.09        | 0.10       | 0.05        |
| sokoban-opt08-strips (3)           | <b>0.01</b> | 0.01        | 0.01        | 2.27        | 0.99       | 0.02        |
| storage (7)                        | 0.01        | <b>0.01</b> | 0.01        | 0.07        | 0.08       | 0.01        |
| termes-opt18-strips (6)            | <b>0.06</b> | 0.08        | 0.14        | 13.44       | 3.04       | 0.09        |
| tpp (5)                            | <b>0.01</b> | 0.01        | 0.01        | 0.04        | 0.03       | 0.02        |
| transport-opt08-strips (6)         | <b>0.02</b> | 0.03        | 0.03        | 0.21        | 0.29       | 0.03        |
| transport-opt11-strips (1)         | <b>0.09</b> | 0.10        | 0.15        | 3.82        | 3.48       | 0.10        |
| transport-opt14-strips (1)         | <b>0.09</b> | 0.10        | 0.14        | 4.52        | 3.94       | 0.12        |
| trucks-strips (3)                  | <b>0.06</b> | 0.07        | 0.11        | 1.16        | 1.05       | 0.08        |
| visitall-opt11-strips (20)         | 0.05        | 0.05        | 0.06        | <b>0.05</b> | 0.05       | 0.09        |
| visitall-opt14-strips (20)         | <b>0.09</b> | 0.11        | 0.13        | 0.09        | 0.10       | 0.42        |
| woodworking-opt08-strips (2)       | <b>0.02</b> | 0.02        | 0.02        | 4.05        | 2.23       | 0.02        |
| zenotravel (7)                     | 0.04        | <b>0.04</b> | 0.05        | 0.34        | 0.28       | 0.05        |
| <b>Geometric mean (384)</b>        | <b>0.03</b> | 0.04        | 0.04        | 0.34        | 0.30       | 0.04        |

Only instances where all algorithms have a value for "total\_time" are considered. Each table entry gives the geometric mean of "total\_time" for that domain. The last row reports the geometric mean across all domains.

### agricola-opt18-strips

| Total time | default     | marked | naive | psvn | psvn_split | watched |
|------------|-------------|--------|-------|------|------------|---------|
| p01.pddl   | <b>0.34</b> | 1.77   | 6.10  | None | 15.65      | 0.67    |
| p02.pddl   | <b>0.56</b> | 2.86   | 9.98  | None | 18.55      | 0.87    |
| p03.pddl   | <b>0.74</b> | 4.22   | 18.72 | None | None       | 1.08    |
| p04.pddl   | <b>0.38</b> | 2.11   | 4.49  | None | 20.66      | 0.80    |
| p05.pddl   | <b>0.66</b> | 3.69   | 11.69 | None | 27.45      | 1.04    |
| p06.pddl   | <b>0.93</b> | 5.10   | 28.20 | None | None       | 1.25    |
| p07.pddl   | <b>0.50</b> | 2.50   | 7.66  | None | 27.21      | 0.96    |
| p08.pddl   | <b>0.73</b> | 4.03   | 17.66 | None | None       | 1.14    |
| p09.pddl   | <b>1.09</b> | 6.19   | 30.03 | None | None       | 1.54    |
| p10.pddl   | <b>0.59</b> | 3.09   | 9.21  | None | None       | 1.10    |
| p11.pddl   | <b>0.82</b> | 4.69   | 19.54 | None | None       | 1.36    |
| p12.pddl   | <b>1.16</b> | 6.71   | 32.25 | None | None       | 1.71    |
| p13.pddl   | <b>0.58</b> | 3.26   | 11.28 | None | None       | 1.23    |
| p14.pddl   | <b>0.91</b> | 5.58   | 22.78 | None | None       | 1.48    |
| p15.pddl   | <b>1.27</b> | 7.71   | 36.97 | None | None       | 1.91    |
| p16.pddl   | <b>0.68</b> | 3.59   | 13.64 | None | None       | 1.33    |
| p17.pddl   | <b>0.99</b> | 5.91   | 25.23 | None | None       | 1.66    |
| p18.pddl   | <b>1.36</b> | 8.61   | 39.01 | None | None       | 1.85    |
| p19.pddl   | <b>0.74</b> | 4.33   | 16.68 | None | None       | 1.49    |
| p20.pddl   | <b>1.06</b> | 6.48   | 29.32 | None | 87.74      | 1.74    |

## airport

| Total time                   | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| p01-airport1-p1.pddl         | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p02-airport1-p1.pddl         | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p03-airport1-p2.pddl         | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | 0.08        | 0.12        | <b>0.01</b> |
| p04-airport2-p1.pddl         | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p05-airport2-p1.pddl         | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | 0.03        | 0.04        | <b>0.01</b> |
| p06-airport2-p2.pddl         | 0.02        | 0.02        | <b>0.02</b> | 6.55        | 5.76        | 0.05        |
| p07-airport2-p2.pddl         | <b>0.02</b> | 0.02        | 0.02        | 6.32        | 6.19        | 0.05        |
| p08-airport2-p3.pddl         | 0.13        | <b>0.11</b> | 0.13        | None        | None        | 0.94        |
| p09-airport2-p4.pddl         | 0.14        | <b>0.14</b> | 0.16        | None        | 6.80        | 1.44        |
| p10-airport3-p1.pddl         | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p11-airport3-p1.pddl         | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | 0.04        | 0.05        | <b>0.01</b> |
| p12-airport3-p2.pddl         | 0.02        | 0.02        | <b>0.02</b> | None        | 4.78        | 0.07        |
| p13-airport3-p2.pddl         | 0.02        | 0.02        | <b>0.02</b> | None        | 4.77        | 0.07        |
| p14-airport3-p3.pddl         | 0.13        | <b>0.13</b> | 0.15        | None        | 8.35        | 1.11        |
| p15-airport3-p3.pddl         | 0.14        | <b>0.12</b> | 0.15        | None        | 8.33        | 1.15        |
| p16-airport3-p4.pddl         | 0.17        | <b>0.16</b> | 0.19        | None        | None        | 1.68        |
| p17-airport3-p5.pddl         | <b>0.21</b> | 0.21        | 0.24        | None        | 11.07       | 2.32        |
| p18-airport3-p6.pddl         | <b>0.27</b> | 0.28        | 0.31        | None        | 16.79       | 3.21        |
| p19-airport3-p6.pddl         | <b>0.19</b> | 0.21        | 0.24        | None        | None        | 2.66        |
| p20-airport3-p7.pddl         | <b>0.29</b> | 0.32        | 0.37        | None        | None        | 4.01        |
| p21-airport4halfMUC-p2.pddl  | 0.39        | <b>0.32</b> | 0.39        | None        | None        | 11.36       |
| p22-airport4halfMUC-p3.pddl  | <b>0.48</b> | 0.50        | 0.57        | None        | None        | 20.06       |
| p23-airport4halfMUC-p4.pddl  | <b>0.57</b> | 0.75        | 0.77        | None        | 34.69       | 30.98       |
| p24-airport4halfMUC-p4.pddl  | <b>0.75</b> | 0.87        | 0.81        | None        | None        | 30.95       |
| p25-airport4halfMUC-p5.pddl  | <b>0.85</b> | 1.19        | 1.09        | None        | None        | 45.44       |
| p26-airport4halfMUC-p6.pddl  | <b>0.96</b> | 1.62        | 1.41        | None        | None        | 60.89       |
| p27-airport4halfMUC-p6.pddl  | <b>1.15</b> | 1.87        | 1.45        | None        | None        | 62.48       |
| p28-airport4halfMUC-p7.pddl  | <b>1.28</b> | 2.38        | 1.72        | None        | None        | 78.92       |
| p29-airport4halfMUC-p8.pddl  | <b>1.42</b> | 2.93        | 2.24        | None        | None        | 99.77       |
| p30-airport4halfMUC-p8.pddl  | <b>1.59</b> | 3.20        | 2.04        | None        | None        | 101.44      |
| p31-airport4halfMUC-p9.pddl  | <b>1.69</b> | 3.74        | 2.55        | None        | None        | 125.75      |
| p32-airport4halfMUC-p10.pddl | <b>1.85</b> | 4.94        | 2.81        | None        | None        | 151.79      |
| p33-airport4halfMUC-p10.pddl | <b>2.06</b> | 5.12        | 2.67        | None        | None        | 153.16      |
| p34-airport4halfMUC-p11.pddl | <b>2.18</b> | 6.03        | 3.34        | None        | None        | 177.85      |
| p35-airport4halfMUC-p12.pddl | <b>2.22</b> | 7.00        | 3.83        | None        | None        | 208.73      |
| p36-airport5MUC-p2.pddl      | 0.51        | <b>0.43</b> | 0.51        | None        | None        | 18.99       |
| p37-airport5MUC-p3.pddl      | 0.87        | <b>0.81</b> | 0.82        | None        | None        | 33.73       |
| p38-airport5MUC-p3.pddl      | <b>0.73</b> | 0.81        | 0.81        | None        | None        | 33.57       |
| p39-airport5MUC-p4.pddl      | <b>1.10</b> | 1.38        | 1.12        | None        | None        | 52.37       |
| p40-airport5MUC-p4.pddl      | <b>0.99</b> | 1.26        | 1.13        | None        | None        | 52.06       |
| p41-airport5MUC-p4.pddl      | <b>0.86</b> | 1.21        | 1.12        | None        | None        | 52.66       |
| p42-airport5MUC-p5.pddl      | <b>1.26</b> | 1.92        | 1.39        | None        | None        | 75.74       |
| p43-airport5MUC-p5.pddl      | <b>1.14</b> | 1.85        | 1.45        | None        | None        | 76.21       |



### barman-opt11-strips

| Total time       | default     | marked | naive | psvn | psvn_split | watched |
|------------------|-------------|--------|-------|------|------------|---------|
| pfile01-001.pddl | <b>0.08</b> | 0.10   | 0.13  | None | 3.11       | 0.25    |
| pfile01-002.pddl | <b>0.08</b> | 0.10   | 0.12  | None | 3.23       | 0.25    |
| pfile01-003.pddl | <b>0.07</b> | 0.10   | 0.13  | None | 3.01       | 0.26    |
| pfile01-004.pddl | <b>0.08</b> | 0.10   | 0.13  | None | 3.05       | 0.26    |
| pfile02-005.pddl | <b>0.10</b> | 0.12   | 0.16  | None | 3.93       | 0.37    |
| pfile02-006.pddl | <b>0.09</b> | 0.12   | 0.15  | None | 3.88       | 0.37    |
| pfile02-007.pddl | <b>0.10</b> | 0.12   | 0.16  | None | 3.94       | 0.36    |
| pfile02-008.pddl | <b>0.09</b> | 0.12   | 0.16  | None | 3.94       | 0.37    |
| pfile03-009.pddl | <b>0.10</b> | 0.14   | 0.18  | None | 6.15       | 0.52    |
| pfile03-010.pddl | <b>0.10</b> | 0.14   | 0.18  | None | 6.37       | 0.51    |
| pfile03-011.pddl | <b>0.10</b> | 0.14   | 0.18  | None | 6.20       | 0.51    |
| pfile03-012.pddl | <b>0.10</b> | 0.14   | 0.18  | None | 6.46       | 0.49    |
| pfile04-013.pddl | <b>0.13</b> | 0.18   | 0.24  | None | 6.40       | 0.84    |
| pfile04-014.pddl | <b>0.13</b> | 0.17   | 0.25  | None | 6.48       | 0.85    |
| pfile04-015.pddl | <b>0.13</b> | 0.18   | 0.24  | None | 6.44       | 0.85    |
| pfile04-016.pddl | <b>0.13</b> | 0.18   | 0.25  | None | 6.20       | 0.88    |
| pfile05-017.pddl | <b>0.10</b> | 0.16   | 0.24  | None | 7.99       | 1.08    |
| pfile05-018.pddl | <b>0.09</b> | 0.16   | 0.25  | None | 8.26       | 1.07    |
| pfile05-019.pddl | <b>0.10</b> | 0.17   | 0.24  | None | 8.14       | 1.05    |
| pfile05-020.pddl | <b>0.09</b> | 0.16   | 0.23  | None | 8.13       | 1.06    |

### barman-opt14-strips

| Total time  | default     | marked | naive | psvn | psvn_split | watched |
|-------------|-------------|--------|-------|------|------------|---------|
| p435-1.pddl | <b>0.10</b> | 0.12   | 0.15  | None | 3.77       | 0.36    |
| p435-2.pddl | <b>0.10</b> | 0.12   | 0.16  | None | 3.88       | 0.35    |
| p435-3.pddl | <b>0.09</b> | 0.12   | 0.16  | None | 3.79       | 0.37    |
| p536-1.pddl | <b>0.10</b> | 0.15   | 0.19  | None | 5.99       | 0.52    |
| p536-2.pddl | <b>0.11</b> | 0.14   | 0.19  | None | 6.39       | 0.52    |
| p536-3.pddl | <b>0.11</b> | 0.14   | 0.19  | None | 6.23       | 0.51    |
| p638-1.pddl | <b>0.13</b> | 0.18   | 0.24  | None | 6.36       | 0.83    |
| p638-2.pddl | <b>0.13</b> | 0.18   | 0.26  | None | 6.45       | 0.82    |
| p638-3.pddl | <b>0.13</b> | 0.18   | 0.24  | None | 6.16       | 0.82    |
| p739-1.pddl | <b>0.13</b> | 0.21   | 0.28  | None | 8.28       | 1.07    |
| p739-2.pddl | <b>0.14</b> | 0.20   | 0.28  | None | 8.13       | 1.10    |
| p739-3.pddl | <b>0.15</b> | 0.20   | 0.28  | None | 8.30       | 1.07    |
| p839-1.pddl | <b>0.14</b> | 0.21   | 0.30  | None | 9.54       | 1.19    |
| p839-2.pddl | <b>0.14</b> | 0.21   | 0.30  | None | 9.70       | 1.21    |

## blocks

| Total time           | default     | marked      | naive       | psvn | psvn_split | watched     |
|----------------------|-------------|-------------|-------------|------|------------|-------------|
| probBLOCKS-4-0.pddl  | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | 0.03 | 0.04       | <b>0.01</b> |
| probBLOCKS-4-1.pddl  | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | 0.03 | 0.04       | <b>0.01</b> |
| probBLOCKS-4-2.pddl  | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | 0.03 | 0.03       | <b>0.01</b> |
| probBLOCKS-5-0.pddl  | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | 0.54 | 0.73       | <b>0.01</b> |
| probBLOCKS-5-1.pddl  | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | 0.51 | 0.73       | <b>0.01</b> |
| probBLOCKS-5-2.pddl  | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | 0.51 | 0.74       | <b>0.01</b> |
| probBLOCKS-6-0.pddl  | <b>0.02</b> | 0.02        | 0.02        | None | 2.03       | 0.02        |
| probBLOCKS-6-1.pddl  | <b>0.03</b> | 0.03        | 0.04        | None | 1.76       | 0.03        |
| probBLOCKS-6-2.pddl  | <b>0.04</b> | 0.04        | 0.04        | None | 1.78       | 0.05        |
| probBLOCKS-7-0.pddl  | <b>0.07</b> | 0.07        | 0.09        | None | 2.00       | 0.08        |
| probBLOCKS-7-1.pddl  | <b>0.07</b> | 0.07        | 0.09        | None | 1.97       | 0.09        |
| probBLOCKS-7-2.pddl  | <b>0.07</b> | 0.07        | 0.09        | None | 2.06       | 0.09        |
| probBLOCKS-8-0.pddl  | <b>0.07</b> | 0.08        | 0.10        | None | 2.53       | 0.10        |
| probBLOCKS-8-1.pddl  | <b>0.08</b> | 0.08        | 0.10        | None | 2.58       | 0.10        |
| probBLOCKS-8-2.pddl  | <b>0.08</b> | 0.08        | 0.10        | None | 2.50       | 0.10        |
| probBLOCKS-9-0.pddl  | <b>0.08</b> | 0.09        | 0.11        | None | 2.79       | 0.10        |
| probBLOCKS-9-1.pddl  | <b>0.08</b> | 0.09        | 0.11        | None | 2.84       | 0.11        |
| probBLOCKS-9-2.pddl  | <b>0.08</b> | 0.09        | 0.10        | None | 2.87       | 0.11        |
| probBLOCKS-10-0.pddl | <b>0.08</b> | 0.09        | 0.12        | None | 3.78       | 0.11        |
| probBLOCKS-10-1.pddl | <b>0.08</b> | 0.08        | 0.11        | None | 3.97       | 0.11        |
| probBLOCKS-10-2.pddl | <b>0.08</b> | 0.09        | 0.11        | None | 3.77       | 0.11        |
| probBLOCKS-11-0.pddl | <b>0.08</b> | 0.09        | 0.12        | None | 3.54       | 0.11        |
| probBLOCKS-11-1.pddl | <b>0.09</b> | 0.10        | 0.13        | None | 3.59       | 0.12        |
| probBLOCKS-11-2.pddl | <b>0.08</b> | 0.09        | 0.12        | None | 3.57       | 0.11        |
| probBLOCKS-12-0.pddl | <b>0.08</b> | 0.09        | 0.12        | None | 4.08       | 0.12        |
| probBLOCKS-12-1.pddl | <b>0.08</b> | 0.09        | 0.12        | None | 4.08       | 0.11        |
| probBLOCKS-13-0.pddl | <b>0.08</b> | 0.09        | 0.14        | None | 5.14       | 0.12        |
| probBLOCKS-13-1.pddl | <b>0.09</b> | 0.09        | 0.13        | None | 5.01       | 0.12        |
| probBLOCKS-14-0.pddl | <b>0.09</b> | 0.10        | 0.14        | None | 5.23       | 0.13        |
| probBLOCKS-14-1.pddl | <b>0.10</b> | 0.11        | 0.16        | None | 5.26       | 0.15        |
| probBLOCKS-15-0.pddl | <b>0.10</b> | 0.12        | 0.18        | None | 5.62       | 0.16        |
| probBLOCKS-15-1.pddl | <b>0.09</b> | 0.10        | 0.16        | None | 5.58       | 0.14        |
| probBLOCKS-16-1.pddl | <b>0.10</b> | 0.11        | 0.16        | None | 6.23       | 0.15        |
| probBLOCKS-16-2.pddl | <b>0.09</b> | 0.10        | 0.16        | None | 6.29       | 0.15        |
| probBLOCKS-17-0.pddl | <b>0.11</b> | 0.13        | 0.20        | None | 6.89       | 0.18        |

## childsnack-opt14-strips

| Total time                 | default | marked       | naive        | psvn | psvn_split | watched |
|----------------------------|---------|--------------|--------------|------|------------|---------|
| child-snack_pfile01-2.pddl | 0.67    | <b>0.58</b>  | 0.63         | None | 6.32       | 0.86    |
| child-snack_pfile01.pddl   | 0.60    | <b>0.58</b>  | 0.66         | None | 6.01       | 0.82    |
| child-snack_pfile02-2.pddl | 1.34    | <b>1.13</b>  | 1.16         | None | 8.91       | 1.50    |
| child-snack_pfile02.pddl   | 1.30    | <b>1.08</b>  | 1.20         | None | 9.23       | 1.54    |
| child-snack_pfile03-2.pddl | 2.46    | <b>1.83</b>  | 1.93         | None | 14.68      | 3.06    |
| child-snack_pfile03.pddl   | 2.67    | <b>1.81</b>  | 2.01         | None | 14.44      | 3.11    |
| child-snack_pfile04-2.pddl | 4.29    | <b>2.73</b>  | 2.94         | None | 17.11      | 4.73    |
| child-snack_pfile04.pddl   | 4.17    | <b>2.82</b>  | 3.02         | None | 17.94      | 5.48    |
| child-snack_pfile05-2.pddl | 6.46    | <b>4.21</b>  | 4.99         | None | 23.87      | 8.02    |
| child-snack_pfile05.pddl   | 6.24    | <b>4.50</b>  | 5.18         | None | 24.95      | 7.46    |
| child-snack_pfile06-2.pddl | 8.70    | <b>7.22</b>  | 7.28         | None | None       | 11.04   |
| child-snack_pfile06.pddl   | 9.09    | <b>7.21</b>  | 7.57         | None | None       | 11.48   |
| child-snack_pfile07-2.pddl | 11.96   | <b>8.82</b>  | 9.69         | None | 47.34      | 16.28   |
| child-snack_pfile07.pddl   | 11.72   | <b>9.10</b>  | 9.61         | None | 47.27      | 14.56   |
| child-snack_pfile08-2.pddl | 16.42   | <b>12.58</b> | 13.38        | None | None       | 20.34   |
| child-snack_pfile08.pddl   | 16.59   | 14.05        | <b>13.66</b> | None | None       | 20.12   |
| child-snack_pfile09-2.pddl | 21.79   | <b>17.11</b> | 18.83        | None | None       | 27.56   |
| child-snack_pfile09.pddl   | 21.08   | <b>17.36</b> | 18.38        | None | None       | 32.71   |
| child-snack_pfile10-2.pddl | 29.77   | <b>24.23</b> | 24.83        | None | 70.74      | 33.64   |
| child-snack_pfile10.pddl   | 26.75   | <b>24.99</b> | 25.43        | None | 69.13      | 33.54   |

# data-network-opt18-strips

| Total time | default     | marked | naive | psvn | psvn_split | watched |
|------------|-------------|--------|-------|------|------------|---------|
| p01.pddl   | <b>0.07</b> | 0.08   | 0.11  | None | 6.34       | 0.10    |
| p02.pddl   | <b>0.06</b> | 0.07   | 0.10  | None | 6.21       | 0.09    |
| p03.pddl   | <b>0.13</b> | 0.17   | 0.29  | None | 8.29       | 0.24    |
| p04.pddl   | <b>0.16</b> | 0.22   | 0.39  | None | 11.85      | 0.29    |
| p05.pddl   | <b>0.16</b> | 0.20   | 0.37  | None | 9.72       | 0.29    |
| p06.pddl   | <b>0.15</b> | 0.22   | 0.39  | None | 9.69       | 0.30    |
| p07.pddl   | <b>0.17</b> | 0.23   | 0.43  | None | 12.98      | 0.37    |
| p08.pddl   | <b>0.16</b> | 0.22   | 0.39  | None | 10.30      | 0.38    |
| p09.pddl   | <b>0.14</b> | 0.17   | 0.29  | None | 7.42       | 0.23    |
| p10.pddl   | <b>0.16</b> | 0.21   | 0.33  | None | 7.92       | 0.30    |
| p11.pddl   | <b>0.09</b> | 0.11   | 0.19  | None | 7.34       | 0.17    |
| p12.pddl   | <b>0.19</b> | 0.26   | 0.42  | None | 9.81       | 0.37    |
| p13.pddl   | <b>0.18</b> | 0.22   | 0.42  | None | 8.46       | 0.42    |
| p14.pddl   | <b>0.23</b> | 0.30   | 0.57  | None | 11.08      | 0.49    |
| p15.pddl   | <b>0.23</b> | 0.30   | 0.51  | None | 8.18       | 0.45    |
| p16.pddl   | <b>0.18</b> | 0.27   | 0.50  | None | 8.36       | 0.51    |
| p17.pddl   | <b>0.24</b> | 0.36   | 0.66  | None | 9.74       | 0.63    |
| p18.pddl   | <b>0.22</b> | 0.33   | 0.64  | None | 11.87      | 0.70    |
| p19.pddl   | <b>0.24</b> | 0.39   | 0.76  | None | 15.46      | 0.87    |
| p20.pddl   | <b>0.32</b> | 0.46   | 0.87  | None | 12.98      | 1.01    |

## depot

| Total time | default     | marked      | naive       | psvn | psvn_split | watched     |
|------------|-------------|-------------|-------------|------|------------|-------------|
| p01.pddl   | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | 0.09 | 0.11       | <b>0.01</b> |
| p02.pddl   | <b>0.07</b> | 0.08        | 0.10        | None | 4.25       | 0.10        |
| p03.pddl   | <b>0.08</b> | 0.12        | 0.13        | None | 5.68       | 0.13        |
| p04.pddl   | <b>0.10</b> | 0.12        | 0.18        | None | 6.57       | 0.16        |
| p05.pddl   | <b>0.10</b> | 0.14        | 0.23        | None | 7.07       | 0.18        |
| p06.pddl   | <b>0.12</b> | 0.18        | 0.43        | None | 13.44      | 0.26        |
| p07.pddl   | <b>0.10</b> | 0.11        | 0.16        | None | 5.75       | 0.14        |
| p08.pddl   | <b>0.12</b> | 0.16        | 0.28        | None | 11.57      | 0.21        |
| p09.pddl   | <b>0.15</b> | 0.22        | 0.48        | None | 12.87      | 0.28        |
| p10.pddl   | <b>0.12</b> | 0.14        | 0.22        | None | 8.70       | 0.17        |
| p11.pddl   | <b>0.13</b> | 0.21        | 0.43        | None | 12.83      | 0.24        |
| p12.pddl   | <b>0.16</b> | 0.34        | 0.73        | None | 18.49      | 0.31        |
| p13.pddl   | <b>0.12</b> | 0.16        | 0.28        | None | 8.04       | 0.19        |
| p14.pddl   | <b>0.16</b> | 0.26        | 0.49        | None | 11.79      | 0.26        |
| p15.pddl   | <b>0.19</b> | 0.40        | 0.86        | None | 17.26      | 0.36        |
| p16.pddl   | <b>0.19</b> | 0.22        | 0.42        | None | 8.74       | 0.25        |
| p17.pddl   | <b>0.25</b> | 0.36        | 0.73        | None | 13.63      | 0.34        |
| p18.pddl   | <b>0.33</b> | 0.61        | 1.28        | None | 20.88      | 0.47        |
| p19.pddl   | <b>0.22</b> | 0.33        | 0.60        | None | 13.98      | 0.32        |
| p20.pddl   | <b>0.28</b> | 0.59        | 1.16        | None | None       | 0.46        |
| p21.pddl   | <b>0.64</b> | 1.12        | 1.91        | None | None       | 0.83        |
| p22.pddl   | <b>0.88</b> | 2.78        | 4.37        | None | 85.84      | 1.20        |

## driverlog

| Total time | default     | marked      | naive       | psvn | psvn_split | watched     |
|------------|-------------|-------------|-------------|------|------------|-------------|
| p01.pddl   | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | 0.04 | 0.06       | <b>0.01</b> |
| p02.pddl   | <b>0.07</b> | 0.08        | 0.09        | 0.33 | 0.42       | 0.09        |
| p03.pddl   | <b>0.07</b> | 0.07        | 0.09        | 0.32 | 0.42       | 0.08        |
| p04.pddl   | <b>0.09</b> | 0.09        | 0.11        | 8.34 | 1.65       | 0.11        |
| p05.pddl   | <b>0.09</b> | 0.09        | 0.11        | None | 1.88       | 0.10        |
| p06.pddl   | <b>0.10</b> | 0.10        | 0.13        | None | 3.03       | 0.12        |
| p07.pddl   | 0.11        | <b>0.11</b> | 0.14        | None | 2.57       | 0.13        |
| p08.pddl   | <b>0.11</b> | 0.11        | 0.14        | None | 2.50       | 0.13        |
| p09.pddl   | <b>0.10</b> | 0.11        | 0.14        | None | 1.99       | 0.12        |
| p10.pddl   | <b>0.11</b> | 0.11        | 0.18        | None | 2.49       | 0.13        |
| p11.pddl   | <b>0.10</b> | 0.11        | 0.17        | None | 2.68       | 0.12        |
| p12.pddl   | <b>0.11</b> | 0.12        | 0.23        | None | 1.97       | 0.12        |
| p13.pddl   | <b>0.09</b> | 0.12        | 0.24        | None | 2.58       | 0.11        |
| p14.pddl   | <b>0.10</b> | 0.13        | 0.26        | None | 6.14       | 0.12        |
| p15.pddl   | <b>0.13</b> | 0.20        | 0.47        | None | 5.28       | 0.15        |
| p16.pddl   | <b>0.20</b> | 0.34        | 0.82        | None | 8.80       | 0.22        |
| p17.pddl   | <b>0.25</b> | 0.44        | 0.98        | None | 11.53      | 0.28        |
| p18.pddl   | <b>0.22</b> | 0.52        | 1.32        | None | 16.52      | 0.27        |
| p19.pddl   | <b>0.25</b> | 0.67        | 1.53        | None | 22.57      | 0.31        |
| p20.pddl   | <b>0.48</b> | 1.09        | 2.45        | None | None       | 0.52        |

# elevators-opt08-strips

| Total time | default     | marked      | naive | psvn | psvn_split | watched     |
|------------|-------------|-------------|-------|------|------------|-------------|
| p01.pddl   | <b>0.11</b> | 0.12        | 0.15  | 3.72 | 1.41       | 0.14        |
| p02.pddl   | <b>0.19</b> | 0.21        | 0.25  | None | 2.17       | 0.22        |
| p03.pddl   | <b>0.14</b> | 0.15        | 0.20  | None | 1.48       | 0.16        |
| p04.pddl   | <b>0.21</b> | 0.22        | 0.28  | None | 1.78       | 0.23        |
| p05.pddl   | <b>0.17</b> | 0.19        | 0.23  | None | 1.67       | 0.20        |
| p06.pddl   | <b>0.19</b> | 0.21        | 0.29  | None | 2.48       | 0.21        |
| p07.pddl   | <b>0.16</b> | 0.18        | 0.23  | None | 1.65       | 0.19        |
| p08.pddl   | <b>0.21</b> | 0.22        | 0.32  | None | 3.49       | 0.24        |
| p09.pddl   | <b>0.18</b> | 0.19        | 0.26  | None | 2.00       | 0.21        |
| p10.pddl   | 0.24        | <b>0.24</b> | 0.32  | None | 3.00       | 0.25        |
| p11.pddl   | <b>0.14</b> | 0.15        | 0.20  | None | 1.39       | 0.16        |
| p12.pddl   | 0.22        | 0.22        | 0.28  | None | 1.78       | <b>0.21</b> |
| p13.pddl   | <b>0.16</b> | 0.17        | 0.24  | None | 1.70       | 0.17        |
| p14.pddl   | <b>0.22</b> | 0.24        | 0.31  | None | 1.82       | 0.27        |
| p15.pddl   | <b>0.18</b> | 0.20        | 0.26  | None | 1.86       | 0.21        |
| p16.pddl   | <b>0.26</b> | 0.27        | 0.36  | None | 2.45       | 0.27        |
| p17.pddl   | <b>0.23</b> | 0.25        | 0.32  | None | 2.12       | 0.25        |
| p18.pddl   | <b>0.29</b> | 0.31        | 0.40  | None | 2.27       | 0.30        |
| p19.pddl   | <b>0.22</b> | 0.25        | 0.31  | None | 2.04       | 0.24        |
| p20.pddl   | <b>0.31</b> | 0.33        | 0.42  | None | 2.39       | 0.32        |
| p21.pddl   | <b>0.15</b> | 0.16        | 0.21  | None | 1.37       | 0.18        |
| p22.pddl   | <b>0.24</b> | 0.25        | 0.32  | None | 2.38       | 0.27        |
| p23.pddl   | <b>0.19</b> | 0.21        | 0.26  | None | 2.04       | 0.22        |
| p24.pddl   | <b>0.27</b> | 0.30        | 0.38  | None | 2.23       | 0.29        |
| p25.pddl   | <b>0.20</b> | 0.22        | 0.29  | None | 2.26       | 0.22        |
| p26.pddl   | <b>0.27</b> | 0.31        | 0.40  | None | 2.14       | 0.32        |
| p27.pddl   | <b>0.21</b> | 0.24        | 0.33  | None | 3.12       | 0.23        |
| p28.pddl   | <b>0.33</b> | 0.35        | 0.49  | None | 2.54       | 0.36        |
| p29.pddl   | <b>0.23</b> | 0.26        | 0.36  | None | 1.76       | 0.26        |
| p30.pddl   | <b>0.32</b> | 0.36        | 0.49  | None | 3.91       | 0.36        |

# elevators-opt11-strips

| Total time | default     | marked | naive | psvn | psvn_split | watched |
|------------|-------------|--------|-------|------|------------|---------|
| p01.pddl   | <b>0.15</b> | 0.16   | 0.19  | None | 1.35       | 0.17    |
| p02.pddl   | <b>0.15</b> | 0.17   | 0.20  | None | 1.40       | 0.18    |
| p03.pddl   | <b>0.21</b> | 0.22   | 0.27  | None | 1.82       | 0.23    |
| p04.pddl   | <b>0.14</b> | 0.15   | 0.19  | None | 1.43       | 0.16    |
| p05.pddl   | <b>0.16</b> | 0.17   | 0.22  | None | 1.64       | 0.18    |
| p06.pddl   | <b>0.20</b> | 0.22   | 0.27  | None | 1.75       | 0.25    |
| p07.pddl   | <b>0.29</b> | 0.31   | 0.41  | None | 2.21       | 0.30    |
| p08.pddl   | <b>0.17</b> | 0.19   | 0.23  | None | 1.66       | 0.20    |
| p09.pddl   | <b>0.24</b> | 0.24   | 0.33  | None | 2.33       | 0.28    |
| p10.pddl   | <b>0.23</b> | 0.24   | 0.32  | None | 1.82       | 0.24    |
| p11.pddl   | <b>0.32</b> | 0.35   | 0.48  | None | 2.58       | 0.35    |
| p12.pddl   | <b>0.19</b> | 0.22   | 0.28  | None | 2.37       | 0.22    |
| p13.pddl   | <b>0.17</b> | 0.18   | 0.24  | None | 1.74       | 0.19    |
| p14.pddl   | <b>0.21</b> | 0.23   | 0.31  | None | 3.48       | 0.23    |
| p15.pddl   | <b>0.18</b> | 0.19   | 0.26  | None | 2.06       | 0.20    |
| p16.pddl   | <b>0.19</b> | 0.20   | 0.25  | None | 1.73       | 0.20    |
| p17.pddl   | <b>0.23</b> | 0.24   | 0.31  | None | 1.97       | 0.24    |
| p18.pddl   | <b>0.28</b> | 0.31   | 0.40  | None | 2.30       | 0.29    |
| p19.pddl   | <b>0.19</b> | 0.21   | 0.26  | None | 2.07       | 0.22    |
| p20.pddl   | <b>0.26</b> | 0.29   | 0.38  | None | 2.31       | 0.29    |



## floortile-opt11-strips

| Total time       | default     | marked | naive | psvn | psvn_split | watched |
|------------------|-------------|--------|-------|------|------------|---------|
| opt-p01-001.pddl | <b>0.12</b> | 0.12   | 0.13  | 3.57 | 1.98       | 0.13    |
| opt-p01-002.pddl | <b>0.11</b> | 0.13   | 0.14  | 3.62 | 1.99       | 0.14    |
| opt-p02-003.pddl | <b>0.11</b> | 0.12   | 0.15  | 8.11 | 2.36       | 0.14    |
| opt-p02-004.pddl | <b>0.11</b> | 0.12   | 0.15  | 7.43 | 2.42       | 0.15    |
| opt-p03-005.pddl | <b>0.13</b> | 0.14   | 0.16  | None | 3.15       | 0.16    |
| opt-p03-006.pddl | <b>0.14</b> | 0.14   | 0.17  | None | 2.99       | 0.16    |
| opt-p04-007.pddl | <b>0.14</b> | 0.15   | 0.17  | None | 2.78       | 0.17    |
| opt-p04-008.pddl | <b>0.12</b> | 0.13   | 0.16  | None | 2.75       | 0.16    |
| opt-p05-009.pddl | <b>0.14</b> | 0.17   | 0.20  | None | 3.31       | 0.19    |
| opt-p05-010.pddl | <b>0.15</b> | 0.17   | 0.19  | None | 3.27       | 0.18    |
| opt-p06-011.pddl | <b>0.16</b> | 0.17   | 0.21  | None | 3.76       | 0.23    |
| opt-p06-012.pddl | <b>0.14</b> | 0.17   | 0.21  | None | 3.62       | 0.21    |
| opt-p07-013.pddl | <b>0.15</b> | 0.17   | 0.21  | None | 3.59       | 0.22    |
| opt-p07-014.pddl | <b>0.15</b> | 0.17   | 0.20  | None | 3.58       | 0.21    |
| opt-p08-015.pddl | <b>0.20</b> | 0.24   | 0.31  | None | 5.27       | 0.29    |
| opt-p08-016.pddl | <b>0.22</b> | 0.25   | 0.33  | None | 5.42       | 0.31    |
| opt-p09-017.pddl | <b>0.28</b> | 0.32   | 0.46  | None | 5.83       | 0.39    |
| opt-p09-018.pddl | <b>0.31</b> | 0.34   | 0.49  | None | 5.86       | 0.42    |
| opt-p10-019.pddl | <b>0.22</b> | 0.27   | 0.35  | None | 5.06       | 0.34    |
| opt-p10-020.pddl | <b>0.24</b> | 0.27   | 0.35  | None | 5.21       | 0.35    |

## floortile-opt14-strips

| Total time     | default     | marked      | naive | psvn | psvn_split | watched |
|----------------|-------------|-------------|-------|------|------------|---------|
| p01-4-3-2.pddl | <b>0.12</b> | 0.12        | 0.14  | 7.07 | 2.40       | 0.15    |
| p01-4-4-2.pddl | 0.15        | <b>0.14</b> | 0.17  | None | 2.77       | 0.17    |
| p01-5-3-2.pddl | <b>0.14</b> | 0.14        | 0.17  | None | 2.97       | 0.16    |
| p01-5-4-2.pddl | <b>0.14</b> | 0.14        | 0.18  | None | 3.24       | 0.18    |
| p01-5-5-2.pddl | <b>0.15</b> | 0.16        | 0.20  | None | 3.49       | 0.21    |
| p01-6-4-2.pddl | <b>0.15</b> | 0.17        | 0.21  | None | 3.67       | 0.22    |
| p01-6-5-2.pddl | <b>0.16</b> | 0.18        | 0.23  | None | 3.46       | 0.24    |
| p02-4-4-2.pddl | <b>0.13</b> | 0.14        | 0.16  | None | 2.64       | 0.16    |
| p02-5-3-2.pddl | <b>0.14</b> | 0.14        | 0.16  | None | 2.90       | 0.16    |
| p02-5-4-2.pddl | <b>0.13</b> | 0.14        | 0.17  | None | 3.28       | 0.17    |
| p02-5-5-2.pddl | <b>0.17</b> | 0.18        | 0.22  | None | 3.52       | 0.23    |
| p02-6-4-2.pddl | <b>0.14</b> | 0.15        | 0.20  | None | 3.78       | 0.20    |
| p02-6-5-2.pddl | <b>0.14</b> | 0.17        | 0.21  | None | 3.43       | 0.23    |
| p03-4-3-2.pddl | <b>0.12</b> | 0.13        | 0.15  | 8.07 | 2.42       | 0.15    |
| p03-4-4-2.pddl | <b>0.13</b> | 0.13        | 0.17  | None | 2.79       | 0.16    |
| p03-5-3-2.pddl | <b>0.14</b> | 0.15        | 0.17  | None | 2.94       | 0.17    |
| p03-5-4-2.pddl | <b>0.16</b> | 0.17        | 0.20  | None | 3.26       | 0.19    |
| p03-5-5-2.pddl | <b>0.17</b> | 0.18        | 0.22  | None | 3.47       | 0.24    |
| p03-6-4-2.pddl | <b>0.14</b> | 0.15        | 0.19  | None | 3.47       | 0.19    |
| p03-6-5-2.pddl | <b>0.17</b> | 0.19        | 0.23  | None | 3.36       | 0.25    |

# freecell

| Total time            | default     | marked | naive | psvn | psvn_split | watched |
|-----------------------|-------------|--------|-------|------|------------|---------|
| p01.pddl              | <b>0.03</b> | 0.04   | 0.06  | None | 3.83       | 0.04    |
| p02.pddl              | <b>0.10</b> | 0.14   | 0.29  | None | 5.02       | 0.16    |
| p03.pddl              | <b>0.11</b> | 0.16   | 0.38  | None | 7.07       | 0.19    |
| p04.pddl              | <b>0.11</b> | 0.17   | 0.46  | None | 8.16       | 0.22    |
| p05.pddl              | <b>0.13</b> | 0.22   | 0.62  | None | 13.45      | 0.28    |
| p06.pddl              | <b>0.15</b> | 0.27   | 0.89  | None | 11.76      | 0.31    |
| p07.pddl              | <b>0.14</b> | 0.27   | 0.86  | None | 12.92      | 0.31    |
| p08.pddl              | <b>0.17</b> | 0.37   | 1.17  | None | 18.38      | 0.37    |
| p09.pddl              | <b>0.16</b> | 0.35   | 1.13  | None | 20.20      | 0.34    |
| p10.pddl              | <b>0.20</b> | 0.46   | 1.58  | None | 24.21      | 0.44    |
| p11.pddl              | <b>0.16</b> | 0.43   | 1.54  | None | 24.05      | 0.42    |
| p12.pddl              | <b>0.19</b> | 0.42   | 1.64  | None | 21.73      | 0.41    |
| p13.pddl              | <b>0.23</b> | 0.59   | 2.12  | None | 21.16      | 0.50    |
| p14.pddl              | <b>0.25</b> | 0.62   | 2.16  | None | 23.52      | 0.51    |
| p15.pddl              | <b>0.27</b> | 0.78   | 2.80  | None | 32.14      | 0.58    |
| p16.pddl              | <b>0.26</b> | 0.78   | 2.49  | None | 31.70      | 0.60    |
| p17.pddl              | <b>0.31</b> | 0.96   | 3.37  | None | 34.44      | 0.68    |
| p18.pddl              | <b>0.30</b> | 0.95   | 3.38  | None | 37.90      | 0.69    |
| p19.pddl              | <b>0.33</b> | 1.18   | 4.17  | None | None       | 0.75    |
| p20.pddl              | <b>0.36</b> | 1.23   | 4.14  | None | None       | 0.78    |
| probfreecell-2-1.pddl | <b>0.07</b> | 0.14   | 0.39  | None | 4.45       | 0.10    |
| probfreecell-2-2.pddl | <b>0.07</b> | 0.13   | 0.38  | None | 6.14       | 0.10    |
| probfreecell-2-3.pddl | <b>0.07</b> | 0.14   | 0.40  | None | 5.24       | 0.10    |
| probfreecell-2-4.pddl | <b>0.08</b> | 0.16   | 0.48  | None | 5.54       | 0.12    |
| probfreecell-2-5.pddl | <b>0.09</b> | 0.15   | 0.43  | None | 5.87       | 0.11    |
| probfreecell-3-1.pddl | <b>0.19</b> | 0.36   | 1.12  | None | 9.43       | 0.25    |
| probfreecell-3-2.pddl | <b>0.18</b> | 0.32   | 1.10  | None | 9.38       | 0.27    |
| probfreecell-3-3.pddl | <b>0.19</b> | 0.34   | 1.08  | None | 10.66      | 0.25    |
| probfreecell-3-4.pddl | <b>0.20</b> | 0.35   | 1.13  | None | 10.57      | 0.27    |
| probfreecell-3-5.pddl | <b>0.19</b> | 0.36   | 1.11  | None | 9.66       | 0.28    |
| probfreecell-4-1.pddl | <b>0.23</b> | 0.42   | 1.35  | None | 11.36      | 0.34    |
| probfreecell-4-2.pddl | <b>0.24</b> | 0.43   | 1.47  | None | 13.89      | 0.33    |
| probfreecell-4-3.pddl | <b>0.22</b> | 0.43   | 1.48  | None | 15.76      | 0.32    |
| probfreecell-4-4.pddl | <b>0.23</b> | 0.46   | 1.43  | None | 13.07      | 0.32    |
| probfreecell-4-5.pddl | <b>0.23</b> | 0.44   | 1.41  | None | 13.26      | 0.32    |
| probfreecell-5-1.pddl | <b>0.26</b> | 0.54   | 1.74  | None | 13.37      | 0.38    |
| probfreecell-5-2.pddl | <b>0.23</b> | 0.52   | 1.78  | None | 15.89      | 0.39    |
| probfreecell-5-3.pddl | <b>0.24</b> | 0.50   | 1.79  | None | 17.37      | 0.35    |
| probfreecell-5-4.pddl | <b>0.25</b> | 0.48   | 1.79  | None | 15.64      | 0.36    |
| probfreecell-5-5.pddl | <b>0.26</b> | 0.53   | 1.75  | None | 14.83      | 0.38    |
| probfreecell-6-1.pddl | <b>0.24</b> | 0.57   | 1.93  | None | 16.31      | 0.39    |
| probfreecell-6-2.pddl | <b>0.26</b> | 0.58   | 2.11  | None | 18.08      | 0.42    |
| probfreecell-6-3.pddl | <b>0.27</b> | 0.60   | 2.10  | None | 16.56      | 0.41    |
| probfreecell-6-4.pddl | <b>0.26</b> | 0.55   | 2.08  | None | 17.57      | 0.40    |

## ged-opt14-strips

| Total time | default     | marked      | naive       | psvn | psvn_split | watched     |
|------------|-------------|-------------|-------------|------|------------|-------------|
| d-1-2.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | 0.69 | 1.02       | <b>0.01</b> |
| d-1-3.pddl | <b>0.07</b> | 0.09        | 0.14        | None | 5.37       | 0.10        |
| d-1-4.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | 0.63 | 1.04       | <b>0.01</b> |
| d-1-8.pddl | <b>0.08</b> | 0.10        | 0.19        | None | 3.01       | 0.11        |
| d-2-1.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | 0.64 | 0.98       | <b>0.01</b> |
| d-2-3.pddl | <b>0.07</b> | 0.08        | 0.12        | None | 2.25       | 0.09        |
| d-2-4.pddl | <b>0.01</b> | 0.01        | 0.01        | None | 3.21       | 0.01        |
| d-2-8.pddl | <b>0.11</b> | 0.15        | 0.30        | None | 4.53       | 0.15        |
| d-3-1.pddl | <b>0.08</b> | 0.09        | 0.15        | None | 5.30       | 0.10        |
| d-3-2.pddl | <b>0.07</b> | 0.08        | 0.12        | None | 2.34       | 0.09        |
| d-3-4.pddl | <b>0.08</b> | 0.10        | 0.18        | None | 2.93       | 0.11        |
| d-4-2.pddl | <b>0.01</b> | 0.01        | 0.01        | None | 3.10       | 0.01        |
| d-4-3.pddl | <b>0.08</b> | 0.10        | 0.19        | None | 3.17       | 0.11        |
| d-4-8.pddl | <b>0.11</b> | 0.15        | 0.30        | None | 5.04       | 0.15        |
| d-7-5.pddl | <b>0.08</b> | 0.10        | 0.19        | None | 3.09       | 0.11        |
| d-7-6.pddl | <b>0.08</b> | 0.09        | 0.14        | None | 5.42       | 0.09        |
| d-8-1.pddl | <b>0.08</b> | 0.10        | 0.19        | None | 3.02       | 0.11        |
| d-8-2.pddl | <b>0.11</b> | 0.15        | 0.29        | None | 4.76       | 0.15        |
| d-8-4.pddl | <b>0.12</b> | 0.15        | 0.31        | None | 4.66       | 0.15        |
| d-8-9.pddl | <b>0.11</b> | 0.15        | 0.30        | None | 4.61       | 0.16        |

## grid

| Total time  | default     | marked | naive | psvn | psvn_split | watched |
|-------------|-------------|--------|-------|------|------------|---------|
| prob01.pddl | <b>0.06</b> | 0.09   | 0.20  | None | 6.48       | 0.08    |
| prob02.pddl | <b>0.11</b> | 0.20   | 0.66  | None | 7.69       | 0.13    |
| prob03.pddl | <b>0.13</b> | 0.32   | 1.00  | None | None       | 0.16    |
| prob04.pddl | <b>0.16</b> | 0.50   | 1.47  | None | None       | 0.18    |
| prob05.pddl | <b>0.20</b> | 0.79   | 2.17  | None | 40.64      | 0.25    |

## gripper

| Total time  | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| prob01.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| prob02.pddl | 0.01        | <b>0.01</b> | 0.02        | 0.04        | 0.05        | 0.02        |
| prob03.pddl | <b>0.05</b> | 0.06        | 0.07        | 0.30        | 0.43        | 0.07        |
| prob04.pddl | <b>0.06</b> | 0.06        | 0.07        | 2.57        | 0.85        | 0.07        |
| prob05.pddl | <b>0.06</b> | 0.07        | 0.08        | None        | 0.95        | 0.08        |
| prob06.pddl | <b>0.08</b> | 0.08        | 0.09        | None        | 1.35        | 0.10        |
| prob07.pddl | <b>0.09</b> | 0.10        | 0.10        | None        | 1.39        | 0.11        |
| prob08.pddl | <b>0.09</b> | 0.09        | 0.11        | None        | 1.43        | 0.11        |
| prob09.pddl | <b>0.08</b> | 0.08        | 0.10        | None        | 1.49        | 0.11        |
| prob10.pddl | <b>0.08</b> | 0.09        | 0.10        | None        | 1.61        | 0.12        |
| prob11.pddl | <b>0.08</b> | 0.10        | 0.11        | None        | 2.14        | 0.13        |
| prob12.pddl | <b>0.09</b> | 0.09        | 0.12        | None        | 2.40        | 0.14        |
| prob13.pddl | <b>0.10</b> | 0.11        | 0.14        | None        | 2.32        | 0.16        |
| prob14.pddl | <b>0.11</b> | 0.12        | 0.14        | None        | 2.40        | 0.18        |
| prob15.pddl | <b>0.12</b> | 0.13        | 0.17        | None        | 2.15        | 0.20        |
| prob16.pddl | <b>0.13</b> | 0.14        | 0.18        | None        | 2.28        | 0.22        |
| prob17.pddl | <b>0.14</b> | 0.16        | 0.18        | None        | 2.39        | 0.23        |
| prob18.pddl | <b>0.17</b> | 0.18        | 0.20        | None        | 2.54        | 0.26        |
| prob19.pddl | <b>0.16</b> | 0.19        | 0.22        | None        | 2.97        | 0.30        |
| prob20.pddl | <b>0.15</b> | 0.19        | 0.22        | None        | 3.11        | 0.30        |

## hiking-opt14-strips

| Total time          | default     | marked      | naive       | psvn  | psvn_split | watched     |
|---------------------|-------------|-------------|-------------|-------|------------|-------------|
| ptesting-1-2-3.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | 0.01  | 0.02       | <b>0.01</b> |
| ptesting-1-2-4.pddl | <b>0.02</b> | 0.03        | 0.04        | 0.05  | 0.06       | 0.03        |
| ptesting-1-2-5.pddl | <b>0.07</b> | 0.08        | 0.12        | 0.14  | 0.17       | 0.09        |
| ptesting-1-2-7.pddl | <b>0.08</b> | 0.10        | 0.19        | 0.58  | 0.76       | 0.10        |
| ptesting-1-2-8.pddl | <b>0.09</b> | 0.13        | 0.27        | 1.11  | 1.19       | 0.13        |
| ptesting-2-2-3.pddl | <b>0.12</b> | 0.14        | 0.24        | 1.98  | 2.73       | 0.18        |
| ptesting-2-2-4.pddl | <b>0.18</b> | 0.21        | 0.45        | None  | 7.23       | 0.26        |
| ptesting-2-2-5.pddl | <b>0.24</b> | 0.30        | 0.68        | None  | 10.99      | 0.35        |
| ptesting-2-2-6.pddl | <b>0.25</b> | 0.29        | 0.68        | None  | 16.70      | 0.32        |
| ptesting-2-2-7.pddl | <b>0.43</b> | 0.53        | 1.30        | None  | None       | 0.57        |
| ptesting-2-2-8.pddl | <b>0.31</b> | 0.40        | 1.07        | None  | None       | 0.46        |
| ptesting-2-3-4.pddl | <b>0.22</b> | 0.27        | 0.60        | None  | 11.54      | 0.29        |
| ptesting-2-3-5.pddl | <b>0.28</b> | 0.32        | 0.72        | None  | 20.91      | 0.30        |
| ptesting-2-3-6.pddl | <b>0.53</b> | 0.64        | 1.46        | None  | None       | 0.68        |
| ptesting-2-3-7.pddl | <b>0.48</b> | 0.68        | 1.62        | None  | None       | 0.59        |
| ptesting-2-4-3.pddl | <b>0.21</b> | 0.26        | 0.51        | 15.36 | 9.18       | 0.30        |
| ptesting-2-4-4.pddl | <b>0.27</b> | 0.35        | 0.74        | None  | 17.06      | 0.35        |
| ptesting-2-4-5.pddl | <b>0.38</b> | 0.52        | 1.07        | None  | None       | 0.43        |
| ptesting-2-4-6.pddl | <b>0.44</b> | 0.54        | 1.27        | None  | None       | 0.46        |
| ptesting-2-4-7.pddl | <b>0.77</b> | 1.24        | 2.79        | None  | None       | 1.21        |

## logistics00

| Total time              | default     | marked      | naive | psvn | psvn_split | watched |
|-------------------------|-------------|-------------|-------|------|------------|---------|
| probLOGISTICS-4-0.pddl  | <b>0.06</b> | 0.06        | 0.07  | 0.13 | 0.16       | 0.07    |
| probLOGISTICS-4-1.pddl  | <b>0.06</b> | 0.06        | 0.06  | 0.13 | 0.16       | 0.07    |
| probLOGISTICS-4-2.pddl  | 0.03        | <b>0.03</b> | 0.03  | 0.09 | 0.12       | 0.04    |
| probLOGISTICS-5-0.pddl  | <b>0.07</b> | 0.07        | 0.07  | 0.50 | 0.68       | 0.07    |
| probLOGISTICS-5-1.pddl  | <b>0.07</b> | 0.07        | 0.07  | 0.50 | 0.68       | 0.08    |
| probLOGISTICS-5-2.pddl  | <b>0.01</b> | 0.01        | 0.01  | 0.46 | 0.62       | 0.01    |
| probLOGISTICS-6-0.pddl  | <b>0.07</b> | 0.07        | 0.08  | 3.15 | 2.50       | 0.08    |
| probLOGISTICS-6-1.pddl  | <b>0.07</b> | 0.07        | 0.08  | 3.15 | 2.48       | 0.08    |
| probLOGISTICS-6-2.pddl  | <b>0.07</b> | 0.07        | 0.08  | 3.15 | 2.49       | 0.08    |
| probLOGISTICS-6-9.pddl  | <b>0.07</b> | 0.07        | 0.08  | 3.21 | 2.52       | 0.08    |
| probLOGISTICS-7-0.pddl  | <b>0.08</b> | 0.09        | 0.09  | None | 3.07       | 0.10    |
| probLOGISTICS-7-1.pddl  | <b>0.08</b> | 0.09        | 0.10  | None | 3.07       | 0.09    |
| probLOGISTICS-8-0.pddl  | <b>0.09</b> | 0.09        | 0.10  | None | 3.11       | 0.10    |
| probLOGISTICS-8-1.pddl  | 0.09        | <b>0.09</b> | 0.11  | None | 3.03       | 0.10    |
| probLOGISTICS-9-0.pddl  | <b>0.09</b> | 0.09        | 0.11  | None | 3.38       | 0.11    |
| probLOGISTICS-9-1.pddl  | <b>0.09</b> | 0.09        | 0.11  | None | 3.34       | 0.11    |
| probLOGISTICS-10-0.pddl | <b>0.10</b> | 0.11        | 0.14  | None | 3.80       | 0.12    |
| probLOGISTICS-10-1.pddl | <b>0.10</b> | 0.10        | 0.14  | None | 4.01       | 0.13    |
| probLOGISTICS-11-0.pddl | <b>0.11</b> | 0.11        | 0.14  | None | 3.86       | 0.13    |
| probLOGISTICS-11-1.pddl | <b>0.10</b> | 0.11        | 0.15  | None | 3.82       | 0.17    |
| probLOGISTICS-12-0.pddl | <b>0.12</b> | 0.12        | 0.15  | None | 3.88       | 0.14    |
| probLOGISTICS-12-1.pddl | 0.12        | <b>0.12</b> | 0.15  | None | 3.87       | 0.14    |
| probLOGISTICS-13-0.pddl | <b>0.15</b> | 0.16        | 0.23  | None | 4.08       | 0.19    |
| probLOGISTICS-13-1.pddl | 0.16        | <b>0.16</b> | 0.24  | None | 3.91       | 0.19    |
| probLOGISTICS-14-0.pddl | <b>0.17</b> | 0.17        | 0.25  | None | 4.02       | 0.19    |
| probLOGISTICS-14-1.pddl | <b>0.16</b> | 0.16        | 0.24  | None | 4.12       | 0.19    |
| probLOGISTICS-15-0.pddl | 0.19        | <b>0.18</b> | 0.25  | None | 4.17       | 0.22    |
| probLOGISTICS-15-1.pddl | 0.18        | <b>0.18</b> | 0.26  | None | 4.33       | 0.21    |

## logistics98

| Total time  | default     | marked      | naive | psvn  | psvn_split | watched      |
|-------------|-------------|-------------|-------|-------|------------|--------------|
| prob01.pddl | 0.13        | <b>0.13</b> | 0.17  | None  | 2.86       | 0.15         |
| prob02.pddl | <b>0.30</b> | 0.32        | 0.43  | None  | 4.57       | 0.33         |
| prob03.pddl | <b>0.54</b> | 0.56        | 0.86  | None  | 7.95       | 0.61         |
| prob04.pddl | <b>1.05</b> | 1.15        | 1.53  | None  | 12.50      | 1.09         |
| prob05.pddl | 0.15        | <b>0.14</b> | 0.18  | None  | 2.82       | 0.15         |
| prob06.pddl | 1.03        | 1.05        | 1.46  | None  | 12.39      | <b>0.94</b>  |
| prob07.pddl | <b>0.48</b> | 0.53        | 0.75  | None  | 5.42       | 0.53         |
| prob08.pddl | <b>1.07</b> | 1.09        | 1.68  | None  | 11.84      | 1.16         |
| prob09.pddl | 1.84        | 1.90        | 2.68  | None  | 19.85      | <b>1.77</b>  |
| prob10.pddl | 1.05        | 1.07        | 1.85  | None  | 13.65      | <b>0.98</b>  |
| prob11.pddl | 0.65        | <b>0.64</b> | 0.86  | None  | 8.03       | 0.68         |
| prob12.pddl | <b>4.36</b> | 4.71        | 5.51  | None  | 23.87      | 4.53         |
| prob13.pddl | <b>3.32</b> | 3.98        | 5.16  | None  | 23.42      | 3.62         |
| prob14.pddl | 2.15        | 1.92        | 3.12  | None  | 18.42      | <b>1.92</b>  |
| prob15.pddl | 0.40        | <b>0.36</b> | 0.59  | None  | 10.53      | 0.38         |
| prob16.pddl | <b>2.49</b> | 2.62        | 3.62  | None  | 16.24      | 2.76         |
| prob17.pddl | 1.32        | <b>1.18</b> | 1.70  | None  | 10.47      | 1.36         |
| prob18.pddl | <b>3.76</b> | 5.28        | 7.08  | None  | None       | 3.92         |
| prob19.pddl | <b>3.08</b> | 3.94        | 4.96  | None  | 37.37      | 3.22         |
| prob20.pddl | <b>4.31</b> | 6.10        | 7.17  | None  | None       | 4.82         |
| prob21.pddl | <b>5.34</b> | 6.29        | 7.94  | None  | 45.51      | 5.44         |
| prob22.pddl | 6.48        | 12.64       | 15.02 | None  | None       | <b>6.25</b>  |
| prob23.pddl | 1.00        | 0.94        | 1.47  | None  | None       | <b>0.92</b>  |
| prob24.pddl | <b>6.97</b> | 7.71        | 9.43  | None  | 39.14      | 7.30         |
| prob25.pddl | <b>7.57</b> | 15.12       | 14.98 | None  | None       | 7.90         |
| prob26.pddl | 3.66        | 5.90        | 6.77  | None  | None       | <b>3.53</b>  |
| prob27.pddl | <b>4.93</b> | 7.66        | 8.82  | None  | None       | 5.42         |
| prob28.pddl | 19.75       | 97.22       | 55.78 | None  | None       | <b>19.27</b> |
| prob29.pddl | 5.17        | 10.89       | 14.21 | None  | None       | <b>4.79</b>  |
| prob30.pddl | 12.58       | 17.51       | 21.50 | None  | None       | <b>11.51</b> |
| prob31.pddl | <b>0.09</b> | 0.09        | 0.11  | 10.37 | 1.88       | 0.10         |
| prob32.pddl | <b>0.08</b> | 0.08        | 0.09  | 1.21  | 2.26       | 0.09         |
| prob33.pddl | 0.16        | <b>0.14</b> | 0.20  | None  | 3.66       | 0.19         |
| prob34.pddl | 0.29        | <b>0.28</b> | 0.39  | None  | 5.29       | 0.30         |
| prob35.pddl | <b>0.26</b> | 0.26        | 0.35  | None  | 5.37       | 0.28         |



# micronic

| Total time | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|------------|-------------|-------------|-------------|-------------|-------------|-------------|
| s1-0.pddl  | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| s1-1.pddl  | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| s1-2.pddl  | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| s1-3.pddl  | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| s1-4.pddl  | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| s2-0.pddl  | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| s2-1.pddl  | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| s2-2.pddl  | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| s2-3.pddl  | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| s2-4.pddl  | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| s3-0.pddl  | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| s3-1.pddl  | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| s3-2.pddl  | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| s3-3.pddl  | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| s3-4.pddl  | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| s4-0.pddl  | <b>0.01</b> | 0.01        | 0.01        | 0.01        | 0.01        | 0.01        |
| s4-1.pddl  | 0.01        | 0.01        | 0.01        | <b>0.01</b> | 0.01        | 0.01        |
| s4-2.pddl  | 0.01        | 0.01        | 0.01        | <b>0.01</b> | 0.01        | 0.01        |
| s4-3.pddl  | 0.01        | 0.01        | 0.01        | <b>0.01</b> | 0.01        | 0.01        |
| s4-4.pddl  | 0.01        | 0.01        | 0.01        | 0.01        | <b>0.01</b> | 0.01        |
| s5-0.pddl  | 0.04        | 0.05        | 0.05        | 0.04        | <b>0.04</b> | 0.05        |
| s5-1.pddl  | <b>0.05</b> | 0.05        | 0.05        | 0.05        | 0.05        | 0.06        |
| s5-2.pddl  | <b>0.04</b> | 0.04        | 0.05        | 0.04        | 0.05        | 0.05        |
| s5-3.pddl  | <b>0.04</b> | 0.04        | 0.05        | 0.04        | 0.04        | 0.05        |
| s5-4.pddl  | 0.05        | 0.05        | 0.06        | 0.05        | <b>0.04</b> | 0.06        |
| s6-0.pddl  | <b>0.07</b> | 0.08        | 0.09        | 0.07        | 0.07        | 0.09        |
| s6-1.pddl  | 0.07        | 0.08        | 0.09        | 0.07        | <b>0.07</b> | 0.09        |
| s6-2.pddl  | 0.07        | 0.08        | 0.09        | 0.07        | <b>0.07</b> | 0.09        |
| s6-3.pddl  | 0.07        | 0.08        | 0.09        | 0.07        | <b>0.07</b> | 0.09        |
| s6-4.pddl  | 0.07        | 0.08        | 0.09        | 0.07        | <b>0.07</b> | 0.09        |
| s7-0.pddl  | 0.08        | 0.08        | 0.10        | 0.08        | <b>0.08</b> | 0.10        |
| s7-1.pddl  | 0.08        | 0.09        | 0.09        | <b>0.08</b> | 0.08        | 0.09        |
| s7-2.pddl  | 0.08        | 0.09        | 0.10        | <b>0.08</b> | 0.08        | 0.10        |
| s7-3.pddl  | 0.08        | 0.08        | 0.10        | <b>0.08</b> | 0.08        | 0.10        |
| s7-4.pddl  | <b>0.08</b> | 0.09        | 0.10        | 0.08        | 0.08        | 0.10        |
| s8-0.pddl  | 0.08        | 0.09        | 0.11        | <b>0.08</b> | 0.08        | 0.11        |
| s8-1.pddl  | 0.08        | 0.09        | 0.11        | <b>0.08</b> | 0.08        | 0.11        |
| s8-2.pddl  | <b>0.08</b> | 0.09        | 0.12        | 0.08        | 0.08        | 0.11        |
| s8-3.pddl  | 0.08        | 0.09        | 0.11        | <b>0.08</b> | 0.08        | 0.11        |
| s8-4.pddl  | <b>0.08</b> | 0.09        | 0.11        | 0.08        | 0.08        | 0.11        |
| s9-0.pddl  | 0.09        | 0.10        | 0.12        | 0.09        | <b>0.09</b> | 0.12        |
| s9-1.pddl  | <b>0.09</b> | 0.10        | 0.13        | 0.09        | 0.10        | 0.12        |
| s9-2.pddl  | <b>0.09</b> | 0.10        | 0.13        | 0.10        | 0.09        | 0.12        |
| s9-3.pddl  | <b>0.09</b> | 0.10        | 0.13        | 0.09        | 0.09        | 0.12        |

# movie

| Total time  | default     | marked      | naive       | psvn | psvn_split | watched |
|-------------|-------------|-------------|-------------|------|------------|---------|
| prob01.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |
| prob02.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |
| prob03.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |
| prob04.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |
| prob05.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |
| prob06.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |
| prob07.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |
| prob08.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |
| prob09.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |
| prob10.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |
| prob11.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |
| prob12.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |
| prob13.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |
| prob14.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |
| prob15.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |
| prob16.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |
| prob17.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |
| prob18.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |
| prob19.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |
| prob20.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |
| prob21.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |
| prob22.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |
| prob23.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |
| prob24.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |
| prob25.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |
| prob26.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |
| prob27.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |
| prob28.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |
| prob29.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |
| prob30.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | None       | None    |

# mprime

| Total time  | default     | marked      | naive | psvn | psvn_split | watched     |
|-------------|-------------|-------------|-------|------|------------|-------------|
| prob01.pddl | 0.04        | 0.07        | 0.12  | None | 5.36       | <b>0.03</b> |
| prob02.pddl | <b>0.38</b> | 0.47        | 1.02  | None | 16.72      | 0.47        |
| prob03.pddl | <b>0.40</b> | 0.51        | 0.92  | None | 13.24      | 0.53        |
| prob04.pddl | <b>0.21</b> | 0.25        | 0.42  | None | 11.05      | 0.28        |
| prob05.pddl | <b>0.23</b> | 0.35        | 0.77  | None | 14.80      | 0.31        |
| prob06.pddl | <b>1.91</b> | 2.91        | 7.61  | None | 39.61      | 2.30        |
| prob07.pddl | <b>0.18</b> | 0.23        | 0.45  | None | 11.34      | 0.29        |
| prob08.pddl | <b>0.90</b> | 1.19        | 2.46  | None | 13.30      | 1.09        |
| prob09.pddl | <b>0.25</b> | 0.33        | 0.69  | None | 15.60      | 0.31        |
| prob10.pddl | <b>2.67</b> | 5.45        | 13.26 | None | None       | 3.03        |
| prob11.pddl | <b>0.19</b> | 0.22        | 0.44  | None | 8.96       | 0.25        |
| prob12.pddl | <b>0.24</b> | 0.31        | 0.65  | None | 11.96      | 0.28        |
| prob13.pddl | <b>2.11</b> | 5.14        | 16.82 | None | None       | 2.40        |
| prob14.pddl | <b>2.88</b> | 7.66        | 21.95 | None | None       | 3.28        |
| prob15.pddl | <b>2.34</b> | 4.36        | 11.67 | None | 48.18      | 2.56        |
| prob16.pddl | <b>0.53</b> | 0.72        | 1.57  | None | 20.54      | 0.63        |
| prob17.pddl | <b>1.54</b> | 2.61        | 5.18  | None | 48.37      | 1.87        |
| prob18.pddl | <b>2.07</b> | 3.30        | 6.59  | None | 45.15      | 2.48        |
| prob19.pddl | <b>0.80</b> | 1.26        | 3.04  | None | 25.06      | 0.89        |
| prob20.pddl | <b>2.33</b> | 4.10        | 15.85 | None | 49.62      | 2.70        |
| prob21.pddl | <b>0.56</b> | 1.11        | 2.76  | None | 21.87      | 0.66        |
| prob22.pddl | <b>2.64</b> | 5.84        | 14.29 | None | None       | 3.10        |
| prob23.pddl | <b>1.76</b> | 2.54        | 4.94  | None | 34.18      | 1.93        |
| prob24.pddl | <b>0.88</b> | 2.16        | 4.69  | None | None       | 1.12        |
| prob25.pddl | <b>0.01</b> | 0.01        | 0.02  | None | 2.58       | <b>0.01</b> |
| prob26.pddl | <b>0.48</b> | 0.56        | 1.18  | None | 15.43      | 0.55        |
| prob27.pddl | <b>0.31</b> | 0.49        | 1.37  | None | 12.27      | 0.36        |
| prob28.pddl | <b>0.12</b> | 0.15        | 0.29  | None | 5.22       | 0.16        |
| prob29.pddl | <b>0.21</b> | 0.40        | 0.98  | None | 12.61      | 0.22        |
| prob30.pddl | <b>1.02</b> | 2.18        | 4.92  | None | 35.50      | 1.18        |
| prob31.pddl | 0.17        | 0.33        | 0.72  | None | 10.17      | <b>0.16</b> |
| prob32.pddl | <b>0.17</b> | 0.21        | 0.46  | None | 9.44       | 0.22        |
| prob33.pddl | <b>0.95</b> | 1.82        | 3.72  | None | 40.03      | 1.12        |
| prob34.pddl | <b>0.19</b> | 0.37        | 0.77  | None | 16.94      | 0.21        |
| prob35.pddl | 0.08        | <b>0.06</b> | 0.10  | None | 6.48       | 0.09        |

# mystery

| Total time  | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| prob01.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | 0.19        | 0.27        | <b>0.01</b> |
| prob02.pddl | <b>0.25</b> | 0.35        | 0.81        | None        | 12.12       | 0.34        |
| prob03.pddl | <b>0.02</b> | 0.03        | 0.03        | None        | 6.26        | 0.03        |
| prob04.pddl | <b>0.07</b> | 0.09        | 0.10        | None        | 2.89        | 0.10        |
| prob05.pddl | <b>0.15</b> | 0.21        | 0.50        | None        | 7.04        | 0.19        |
| prob06.pddl | <b>0.33</b> | 0.72        | 1.70        | None        | 20.12       | 0.42        |
| prob07.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| prob08.pddl | <b>0.16</b> | 0.24        | 0.57        | None        | 6.57        | 0.20        |
| prob09.pddl | <b>0.16</b> | 0.21        | 0.51        | None        | 6.08        | 0.20        |
| prob10.pddl | <b>0.76</b> | 2.89        | 6.47        | None        | None        | 0.89        |
| prob11.pddl | 0.02        | 0.02        | 0.02        | None        | 1.74        | <b>0.01</b> |
| prob12.pddl | <b>0.09</b> | 0.11        | 0.15        | None        | 3.67        | 0.12        |
| prob13.pddl | <b>0.57</b> | 1.52        | 3.08        | None        | None        | 0.63        |
| prob14.pddl | <b>0.88</b> | 3.73        | 11.57       | None        | None        | 0.98        |
| prob15.pddl | <b>0.45</b> | 1.14        | 2.75        | None        | 23.26       | 0.53        |
| prob16.pddl | <b>0.18</b> | 0.22        | 0.51        | None        | 6.50        | 0.22        |
| prob17.pddl | <b>0.29</b> | 0.93        | 1.92        | None        | 27.84       | 0.47        |
| prob18.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| prob19.pddl | <b>0.29</b> | 0.43        | 1.21        | None        | 8.94        | 0.35        |
| prob20.pddl | <b>0.33</b> | 0.55        | 1.33        | None        | 15.36       | 0.39        |
| prob21.pddl | <b>0.30</b> | 0.47        | 1.08        | None        | 12.89       | 0.39        |
| prob22.pddl | <b>0.72</b> | 1.60        | 3.30        | None        | 25.18       | 0.91        |
| prob23.pddl | <b>0.28</b> | 0.51        | 1.33        | None        | 11.62       | 0.39        |
| prob24.pddl | <b>0.19</b> | 0.33        | 0.74        | None        | 9.38        | 0.31        |
| prob25.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | 0.50        | 0.69        | <b>0.01</b> |
| prob26.pddl | <b>0.13</b> | 0.16        | 0.35        | None        | 6.57        | 0.17        |
| prob27.pddl | <b>0.04</b> | 0.05        | 0.09        | None        | 8.23        | 0.05        |
| prob28.pddl | 0.01        | <b>0.01</b> | 0.01        | None        | 1.74        | 0.01        |
| prob29.pddl | <b>0.02</b> | 0.02        | 0.02        | None        | 4.79        | 0.02        |
| prob30.pddl | <b>0.20</b> | 0.29        | 0.74        | None        | 9.03        | 0.23        |

# nomystery-opt11-strips

| Total time | default     | marked | naive | psvn  | psvn_split | watched |
|------------|-------------|--------|-------|-------|------------|---------|
| p01.pddl   | <b>0.02</b> | 0.02   | 0.03  | 0.07  | 0.09       | 0.02    |
| p02.pddl   | <b>0.07</b> | 0.10   | 0.26  | 2.61  | 3.70       | 0.09    |
| p03.pddl   | <b>0.07</b> | 0.09   | 0.17  | 18.91 | 5.82       | 0.09    |
| p04.pddl   | <b>0.09</b> | 0.12   | 0.34  | None  | 7.96       | 0.11    |
| p05.pddl   | <b>0.10</b> | 0.18   | 0.65  | None  | 12.21      | 0.14    |
| p06.pddl   | <b>0.13</b> | 0.24   | 0.87  | None  | 16.53      | 0.16    |
| p07.pddl   | <b>0.13</b> | 0.23   | 0.91  | None  | 14.19      | 0.16    |
| p08.pddl   | <b>0.13</b> | 0.27   | 1.06  | None  | 17.44      | 0.18    |
| p09.pddl   | <b>0.15</b> | 0.32   | 1.36  | None  | 25.91      | 0.20    |
| p10.pddl   | <b>0.14</b> | 0.26   | 1.06  | None  | 14.89      | 0.18    |
| p11.pddl   | <b>0.01</b> | 0.01   | 0.02  | 0.04  | 0.05       | 0.01    |
| p12.pddl   | <b>0.06</b> | 0.08   | 0.17  | 1.53  | 1.84       | 0.07    |
| p13.pddl   | <b>0.07</b> | 0.08   | 0.13  | 10.38 | 4.17       | 0.08    |
| p14.pddl   | <b>0.08</b> | 0.11   | 0.25  | None  | 6.48       | 0.10    |
| p15.pddl   | <b>0.09</b> | 0.15   | 0.49  | None  | 9.62       | 0.13    |
| p16.pddl   | <b>0.12</b> | 0.18   | 0.71  | None  | 12.54      | 0.15    |
| p17.pddl   | <b>0.11</b> | 0.18   | 0.72  | None  | 10.62      | 0.15    |
| p18.pddl   | <b>0.12</b> | 0.22   | 0.83  | None  | 13.88      | 0.16    |
| p19.pddl   | <b>0.13</b> | 0.26   | 1.00  | None  | 18.20      | 0.18    |
| p20.pddl   | <b>0.13</b> | 0.21   | 0.76  | None  | 12.02      | 0.18    |

# openstacks-opt08-strips

| Total time | default     | marked      | naive       | psvn | psvn_split | watched     |
|------------|-------------|-------------|-------------|------|------------|-------------|
| p01.pddl   | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | 0.02 | 0.03       | <b>0.01</b> |
| p02.pddl   | <b>0.01</b> | <b>0.01</b> | 0.01        | 0.08 | 0.11       | 0.01        |
| p03.pddl   | <b>0.02</b> | 0.02        | 0.02        | 0.38 | 0.56       | 0.02        |
| p04.pddl   | <b>0.06</b> | 0.06        | 0.07        | 2.06 | 1.58       | 0.08        |
| p05.pddl   | <b>0.07</b> | 0.08        | 0.09        | None | 2.50       | 0.10        |
| p06.pddl   | <b>0.03</b> | 0.03        | 0.04        | None | 2.50       | 0.04        |
| p07.pddl   | <b>0.08</b> | 0.08        | 0.12        | None | 2.36       | 0.10        |
| p08.pddl   | <b>0.08</b> | 0.08        | 0.12        | None | 2.74       | 0.11        |
| p09.pddl   | <b>0.09</b> | 0.10        | 0.13        | None | 3.15       | 0.13        |
| p10.pddl   | <b>0.11</b> | 0.12        | 0.16        | None | 3.15       | 0.15        |
| p11.pddl   | <b>0.07</b> | 0.09        | 0.15        | None | 3.18       | 0.13        |
| p12.pddl   | <b>0.10</b> | 0.11        | 0.17        | None | 3.21       | 0.15        |
| p13.pddl   | <b>0.08</b> | 0.10        | 0.17        | None | 4.37       | 0.15        |
| p14.pddl   | <b>0.11</b> | 0.13        | 0.21        | None | 4.02       | 0.18        |
| p15.pddl   | <b>0.08</b> | 0.11        | 0.20        | None | 3.96       | 0.16        |
| p16.pddl   | <b>0.08</b> | 0.11        | 0.21        | None | 4.06       | 0.16        |
| p17.pddl   | <b>0.08</b> | 0.11        | 0.23        | None | 4.07       | 0.18        |
| p18.pddl   | <b>0.08</b> | 0.11        | 0.24        | None | 4.02       | 0.18        |
| p19.pddl   | <b>0.10</b> | 0.13        | 0.28        | None | 5.16       | 0.21        |
| p20.pddl   | <b>0.12</b> | 0.15        | 0.33        | None | 4.96       | 0.24        |
| p21.pddl   | <b>0.10</b> | 0.13        | 0.32        | None | 5.07       | 0.21        |
| p22.pddl   | <b>0.15</b> | 0.19        | 0.38        | None | 4.59       | 0.28        |
| p23.pddl   | <b>0.11</b> | 0.15        | 0.37        | None | 5.35       | 0.25        |
| p24.pddl   | <b>0.15</b> | 0.19        | 0.43        | None | 5.45       | 0.30        |
| p25.pddl   | <b>0.10</b> | 0.14        | 0.39        | None | 5.40       | 0.25        |
| p26.pddl   | <b>0.09</b> | 0.14        | 0.41        | None | 5.71       | 0.25        |
| p27.pddl   | <b>0.10</b> | 0.16        | 0.44        | None | 6.43       | 0.26        |
| p28.pddl   | <b>0.11</b> | 0.17        | 0.46        | None | 5.62       | 0.28        |
| p29.pddl   | <b>0.10</b> | 0.17        | 0.47        | None | 8.52       | 0.29        |
| p30.pddl   | <b>0.12</b> | 0.18        | 0.52        | None | 8.31       | 0.32        |

# openstacks-opt11-strips

| Total time | default     | marked      | naive | psvn | psvn_split | watched |
|------------|-------------|-------------|-------|------|------------|---------|
| p01.pddl   | 0.03        | <b>0.03</b> | 0.04  | None | 2.42       | 0.04    |
| p02.pddl   | <b>0.07</b> | 0.08        | 0.12  | None | 2.48       | 0.11    |
| p03.pddl   | <b>0.07</b> | 0.08        | 0.12  | None | 2.62       | 0.11    |
| p04.pddl   | <b>0.09</b> | 0.10        | 0.14  | None | 3.04       | 0.13    |
| p05.pddl   | <b>0.11</b> | 0.11        | 0.16  | None | 3.12       | 0.15    |
| p06.pddl   | <b>0.07</b> | 0.09        | 0.15  | None | 3.21       | 0.13    |
| p07.pddl   | <b>0.09</b> | 0.11        | 0.17  | None | 3.20       | 0.15    |
| p08.pddl   | <b>0.08</b> | 0.10        | 0.16  | None | 4.17       | 0.15    |
| p09.pddl   | <b>0.11</b> | 0.13        | 0.23  | None | 4.03       | 0.18    |
| p10.pddl   | <b>0.15</b> | 0.19        | 0.39  | None | 4.37       | 0.29    |
| p11.pddl   | <b>0.08</b> | 0.11        | 0.21  | None | 4.01       | 0.16    |
| p12.pddl   | <b>0.08</b> | 0.10        | 0.21  | None | 3.97       | 0.16    |
| p13.pddl   | <b>0.08</b> | 0.11        | 0.23  | None | 4.17       | 0.17    |
| p14.pddl   | <b>0.08</b> | 0.12        | 0.25  | None | 4.08       | 0.18    |
| p15.pddl   | <b>0.10</b> | 0.13        | 0.27  | None | 5.27       | 0.21    |
| p16.pddl   | <b>0.09</b> | 0.13        | 0.31  | None | 5.30       | 0.21    |
| p17.pddl   | <b>0.12</b> | 0.16        | 0.31  | None | 4.93       | 0.24    |
| p18.pddl   | <b>0.11</b> | 0.15        | 0.36  | None | 5.58       | 0.25    |
| p19.pddl   | <b>0.16</b> | 0.18        | 0.42  | None | 5.56       | 0.30    |
| p20.pddl   | <b>0.10</b> | 0.14        | 0.39  | None | 5.60       | 0.25    |

# openstacks-opt14-strips

| Total time | default     | marked | naive | psvn | psvn_split | watched |
|------------|-------------|--------|-------|------|------------|---------|
| p20_1.pddl | <b>0.10</b> | 0.13   | 0.23  | None | 3.87       | 0.19    |
| p20_2.pddl | <b>0.08</b> | 0.11   | 0.22  | None | 3.96       | 0.16    |
| p20_3.pddl | <b>0.09</b> | 0.12   | 0.21  | None | 4.11       | 0.18    |
| p25_1.pddl | <b>0.13</b> | 0.17   | 0.36  | None | 5.11       | 0.26    |
| p25_3.pddl | <b>0.10</b> | 0.13   | 0.31  | None | 5.47       | 0.22    |
| p30_1.pddl | <b>0.09</b> | 0.15   | 0.42  | None | 5.80       | 0.25    |
| p30_2.pddl | <b>0.19</b> | 0.25   | 0.50  | None | 5.71       | 0.35    |
| p30_3.pddl | <b>0.13</b> | 0.19   | 0.44  | None | 7.37       | 0.31    |
| p35_1.pddl | <b>0.10</b> | 0.17   | 0.52  | None | 7.78       | 0.31    |
| p35_2.pddl | <b>0.10</b> | 0.18   | 0.51  | None | 7.77       | 0.29    |
| p35_3.pddl | <b>0.12</b> | 0.19   | 0.56  | None | 7.07       | 0.31    |
| p40_1.pddl | <b>0.10</b> | 0.20   | 0.66  | None | 7.75       | 0.35    |
| p40_2.pddl | <b>0.10</b> | 0.20   | 0.63  | None | 8.30       | 0.38    |
| p40_3.pddl | <b>0.11</b> | 0.22   | 0.66  | None | 6.93       | 0.38    |
| p45_1.pddl | <b>0.12</b> | 0.24   | 0.83  | None | 9.58       | 0.42    |
| p45_2.pddl | <b>0.10</b> | 0.24   | 0.79  | None | 9.50       | 0.44    |
| p45_3.pddl | <b>0.13</b> | 0.26   | 0.82  | None | 11.28      | 0.43    |
| p50_1.pddl | <b>0.13</b> | 0.28   | 0.97  | None | 12.13      | 0.52    |
| p50_2.pddl | <b>0.42</b> | 0.59   | 1.28  | None | 12.56      | 0.80    |
| p50_3.pddl | <b>0.16</b> | 0.31   | 1.00  | None | 12.09      | 0.54    |



## openstacks-strips

| Total time | default     | marked | naive | psvn | psvn_split | watched |
|------------|-------------|--------|-------|------|------------|---------|
| p01.pddl   | <b>0.03</b> | 0.03   | 0.04  | 0.57 | 0.68       | 0.04    |
| p02.pddl   | <b>0.03</b> | 0.04   | 0.05  | 0.59 | 0.72       | 0.04    |
| p03.pddl   | <b>0.03</b> | 0.03   | 0.04  | 0.54 | 0.69       | 0.04    |
| p04.pddl   | <b>0.03</b> | 0.03   | 0.04  | 0.56 | 0.70       | 0.04    |
| p05.pddl   | <b>0.03</b> | 0.03   | 0.04  | 0.55 | 0.73       | 0.04    |
| p06.pddl   | <b>0.07</b> | 0.09   | 0.14  | None | 1.54       | 0.13    |
| p07.pddl   | <b>0.07</b> | 0.09   | 0.14  | None | 1.62       | 0.13    |
| p08.pddl   | <b>0.15</b> | 0.18   | 0.37  | None | 14.95      | 0.55    |
| p09.pddl   | <b>0.14</b> | 0.19   | 0.34  | None | 14.07      | 0.57    |
| p10.pddl   | <b>0.18</b> | 0.20   | 0.43  | None | 17.85      | 0.57    |
| p11.pddl   | <b>0.18</b> | 0.21   | 0.45  | None | 18.40      | 0.56    |
| p12.pddl   | <b>0.14</b> | 0.21   | 0.44  | None | 18.26      | 0.54    |
| p13.pddl   | <b>0.15</b> | 0.21   | 0.42  | None | 19.58      | 0.57    |
| p14.pddl   | <b>0.15</b> | 0.21   | 0.46  | None | 18.55      | 0.56    |
| p15.pddl   | <b>0.18</b> | 0.23   | 0.45  | None | 18.52      | 0.55    |
| p16.pddl   | <b>0.18</b> | 0.22   | 0.46  | None | 18.52      | 0.56    |
| p17.pddl   | <b>0.18</b> | 0.22   | 0.50  | None | 20.01      | 0.76    |
| p18.pddl   | <b>0.32</b> | 0.42   | 1.02  | None | 36.97      | 2.00    |
| p19.pddl   | <b>0.17</b> | 0.21   | 0.56  | None | 19.46      | 0.70    |
| p20.pddl   | <b>0.23</b> | 0.29   | 0.83  | None | None       | 1.01    |
| p21.pddl   | <b>0.25</b> | 0.30   | 0.84  | None | None       | 0.98    |
| p22.pddl   | <b>0.18</b> | 0.31   | 0.83  | None | None       | 0.94    |
| p23.pddl   | <b>0.17</b> | 0.30   | 0.78  | None | None       | 0.94    |
| p24.pddl   | <b>0.57</b> | 1.72   | 2.55  | None | None       | 2.64    |
| p25.pddl   | <b>0.55</b> | 1.53   | 2.53  | None | None       | 2.54    |
| p26.pddl   | <b>0.58</b> | 1.07   | 2.44  | None | 51.77      | 2.47    |
| p27.pddl   | <b>1.19</b> | 1.93   | 4.67  | None | None       | 5.60    |
| p28.pddl   | <b>1.83</b> | 13.51  | 10.50 | None | None       | 9.65    |
| p29.pddl   | <b>1.78</b> | 11.44  | 9.45  | None | None       | 9.31    |
| p30.pddl   | <b>1.23</b> | 2.95   | 10.61 | None | None       | 9.03    |

# organic-synthesis-opt18-strips

| Total time | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|------------|-------------|-------------|-------------|-------------|-------------|-------------|
| p01.pddl   | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | 0.01        | 0.02        | <b>0.01</b> |
| p02.pddl   | <b>0.01</b> | 0.01        | 0.01        | 0.02        | 0.03        | 0.01        |
| p03.pddl   | 0.11        | 0.12        | 0.11        | 0.36        | 0.42        | <b>0.11</b> |
| p04.pddl   | None        | None        | None        | None        | None        | None        |
| p05.pddl   | None        | None        | None        | None        | None        | None        |
| p06.pddl   | None        | None        | None        | None        | None        | None        |
| p07.pddl   | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p08.pddl   | None        | None        | None        | None        | None        | None        |
| p09.pddl   | 0.31        | 0.43        | 0.30        | None        | None        | <b>0.29</b> |
| p10.pddl   | 0.31        | 0.41        | 0.31        | None        | None        | <b>0.29</b> |
| p11.pddl   | None        | None        | None        | None        | None        | None        |
| p12.pddl   | None        | None        | None        | None        | None        | None        |
| p13.pddl   | None        | None        | None        | None        | None        | None        |
| p14.pddl   | 0.11        | 0.13        | 0.11        | None        | None        | <b>0.11</b> |
| p15.pddl   | None        | None        | None        | None        | None        | None        |
| p16.pddl   | None        | None        | None        | None        | None        | None        |
| p17.pddl   | None        | None        | None        | None        | None        | None        |
| p18.pddl   | None        | None        | None        | None        | None        | None        |
| p19.pddl   | None        | None        | None        | None        | None        | None        |
| p20.pddl   | None        | None        | None        | None        | None        | None        |

# organic-synthesis-split-opt18-strips

| Total time | default     | marked      | naive       | psvn | psvn_split | watched |
|------------|-------------|-------------|-------------|------|------------|---------|
| p01.pddl   | <b>0.07</b> | 0.10        | 0.24        | None | None       | 0.93    |
| p02.pddl   | <b>0.11</b> | 0.18        | 0.56        | None | None       | 1.88    |
| p03.pddl   | <b>0.45</b> | 1.87        | 3.62        | None | None       | 28.29   |
| p04.pddl   | <b>0.32</b> | 0.94        | 1.95        | None | None       | 21.38   |
| p05.pddl   | <b>0.64</b> | 3.28        | 5.13        | None | None       | 62.46   |
| p06.pddl   | <b>0.70</b> | 3.60        | 7.67        | None | None       | 48.78   |
| p07.pddl   | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | 3.60       | 0.01    |
| p08.pddl   | <b>1.55</b> | 12.09       | 23.84       | None | None       | 119.52  |
| p09.pddl   | <b>0.17</b> | 0.34        | 0.86        | None | None       | 6.33    |
| p10.pddl   | <b>0.18</b> | 0.37        | 0.93        | None | None       | 6.52    |
| p11.pddl   | <b>2.67</b> | 4.63        | 6.02        | None | None       | 63.13   |
| p12.pddl   | <b>3.11</b> | 5.71        | 6.86        | None | None       | 86.77   |
| p13.pddl   | <b>2.23</b> | 32.17       | 41.78       | None | None       | 282.98  |
| p14.pddl   | <b>0.21</b> | 0.46        | 1.48        | None | 73.81      | 5.26    |
| p15.pddl   | <b>2.74</b> | 38.51       | 49.71       | None | None       | 375.68  |
| p16.pddl   | <b>3.04</b> | 83.68       | 71.55       | None | None       | 739.77  |
| p17.pddl   | <b>4.51</b> | 143.93      | 105.14      | None | None       | 1074.97 |
| p18.pddl   | <b>4.33</b> | 69.90       | 68.41       | None | None       | 577.33  |
| p19.pddl   | <b>1.88</b> | 18.65       | 28.92       | None | None       | 203.38  |
| p20.pddl   | <b>2.07</b> | 26.83       | 38.38       | None | None       | 256.37  |

# parcprinter-08-strips

| Total time | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|------------|-------------|-------------|-------------|-------------|-------------|-------------|
| p01.pddl   | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p02.pddl   | 0.03        | <b>0.03</b> | 0.03        | 0.07        | 0.09        | 0.04        |
| p03.pddl   | <b>0.04</b> | 0.04        | 0.04        | 0.10        | 0.11        | 0.06        |
| p04.pddl   | 0.13        | <b>0.13</b> | 0.15        | None        | 6.05        | 0.23        |
| p05.pddl   | <b>0.17</b> | 0.17        | 0.19        | None        | 4.26        | 0.32        |
| p06.pddl   | 0.15        | <b>0.15</b> | 0.18        | None        | 4.97        | 0.34        |
| p07.pddl   | <b>0.20</b> | 0.20        | 0.25        | None        | 7.79        | 0.42        |
| p08.pddl   | <b>0.19</b> | 0.20        | 0.24        | None        | 8.38        | 0.48        |
| p09.pddl   | <b>0.23</b> | 0.24        | 0.29        | None        | 8.41        | 0.57        |
| p10.pddl   | <b>0.27</b> | 0.27        | 0.32        | None        | 9.01        | 0.63        |
| p11.pddl   | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p12.pddl   | 0.15        | <b>0.15</b> | 0.16        | 1.01        | 1.34        | 0.18        |
| p13.pddl   | 0.18        | <b>0.17</b> | 0.20        | None        | 5.50        | 0.27        |
| p14.pddl   | 0.17        | <b>0.16</b> | 0.19        | None        | 6.54        | 0.28        |
| p15.pddl   | <b>0.17</b> | 0.17        | 0.21        | None        | 6.17        | 0.30        |
| p16.pddl   | 0.18        | <b>0.18</b> | 0.25        | None        | 6.71        | 0.37        |
| p17.pddl   | 0.20        | <b>0.20</b> | 0.29        | None        | 12.03       | 0.42        |
| p18.pddl   | <b>0.24</b> | 0.25        | 0.34        | None        | None        | 0.52        |
| p19.pddl   | <b>0.26</b> | 0.28        | 0.41        | None        | 11.47       | 0.62        |
| p20.pddl   | <b>0.29</b> | 0.32        | 0.49        | None        | 12.94       | 0.69        |
| p21.pddl   | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p22.pddl   | <b>0.05</b> | 0.06        | 0.06        | 0.16        | 0.21        | 0.07        |
| p23.pddl   | <b>0.14</b> | 0.14        | 0.15        | None        | 2.63        | 0.21        |
| p24.pddl   | <b>0.15</b> | 0.16        | 0.17        | None        | 4.72        | 0.25        |
| p25.pddl   | <b>0.15</b> | 0.16        | 0.18        | None        | 10.81       | 0.30        |
| p26.pddl   | 0.17        | <b>0.17</b> | 0.20        | None        | 5.58        | 0.34        |
| p27.pddl   | <b>0.18</b> | 0.19        | 0.24        | None        | 7.16        | 0.40        |
| p28.pddl   | <b>0.19</b> | 0.20        | 0.24        | None        | 9.79        | 0.45        |
| p29.pddl   | <b>0.20</b> | 0.22        | 0.28        | None        | 8.86        | 0.52        |
| p30.pddl   | <b>0.22</b> | 0.25        | 0.34        | None        | 10.66       | 0.61        |

# parcprinter-opt11-strips

| Total time | default     | marked      | naive | psvn | psvn_split | watched |
|------------|-------------|-------------|-------|------|------------|---------|
| p01.pddl   | 0.06        | <b>0.05</b> | 0.06  | 0.17 | 0.21       | 0.07    |
| p02.pddl   | <b>0.03</b> | 0.03        | 0.03  | 0.07 | 0.10       | 0.04    |
| p03.pddl   | <b>0.15</b> | 0.15        | 0.16  | 0.98 | 1.30       | 0.18    |
| p04.pddl   | 0.14        | <b>0.13</b> | 0.15  | None | 5.82       | 0.25    |
| p05.pddl   | <b>0.14</b> | 0.14        | 0.15  | None | 2.74       | 0.21    |
| p06.pddl   | <b>0.15</b> | 0.15        | 0.17  | None | 5.05       | 0.34    |
| p07.pddl   | 0.17        | <b>0.17</b> | 0.19  | None | 4.50       | 0.30    |
| p08.pddl   | <b>0.14</b> | 0.15        | 0.17  | None | 4.70       | 0.25    |
| p09.pddl   | 0.19        | <b>0.18</b> | 0.19  | None | 5.36       | 0.26    |
| p10.pddl   | <b>0.15</b> | 0.16        | 0.19  | None | 11.51      | 0.29    |
| p11.pddl   | <b>0.17</b> | 0.17        | 0.20  | None | 5.35       | 0.34    |
| p12.pddl   | <b>0.16</b> | 0.16        | 0.19  | None | 6.36       | 0.27    |
| p13.pddl   | <b>0.19</b> | 0.20        | 0.25  | None | 7.90       | 0.43    |
| p14.pddl   | <b>0.19</b> | 0.19        | 0.24  | None | 8.23       | 0.47    |
| p15.pddl   | 0.23        | <b>0.23</b> | 0.29  | None | 8.33       | 0.58    |
| p16.pddl   | <b>0.25</b> | 0.26        | 0.33  | None | 9.16       | 0.68    |
| p17.pddl   | <b>0.17</b> | 0.17        | 0.21  | None | 6.20       | 0.30    |
| p18.pddl   | 0.18        | <b>0.18</b> | 0.24  | None | 6.63       | 0.36    |
| p19.pddl   | <b>0.21</b> | 0.21        | 0.29  | None | 12.05      | 0.45    |
| p20.pddl   | <b>0.17</b> | 0.19        | 0.23  | None | 7.41       | 0.39    |

## parking-opt11-strips

| Total time       | default     | marked | naive | psvn | psvn_split | watched |
|------------------|-------------|--------|-------|------|------------|---------|
| pfile03-011.pddl | <b>0.24</b> | 0.43   | 1.09  | None | 20.27      | 0.38    |
| pfile03-012.pddl | <b>0.22</b> | 0.43   | 1.07  | None | 20.09      | 0.38    |
| pfile04-013.pddl | <b>0.27</b> | 0.58   | 1.61  | None | 17.02      | 0.42    |
| pfile04-014.pddl | <b>0.26</b> | 0.61   | 1.63  | None | 17.20      | 0.47    |
| pfile04-015.pddl | <b>0.28</b> | 0.62   | 1.57  | None | 17.01      | 0.43    |
| pfile04-016.pddl | <b>0.29</b> | 0.64   | 1.55  | None | 17.60      | 0.44    |
| pfile05-017.pddl | <b>0.34</b> | 0.96   | 2.32  | None | None       | 0.52    |
| pfile05-018.pddl | <b>0.35</b> | 0.95   | 2.19  | None | None       | 0.53    |
| pfile05-019.pddl | <b>0.35</b> | 0.94   | 2.32  | None | None       | 0.52    |
| pfile05-020.pddl | <b>0.34</b> | 0.94   | 2.30  | None | None       | 0.58    |
| pfile06-021.pddl | <b>0.43</b> | 1.39   | 3.16  | None | 40.18      | 0.66    |
| pfile06-022.pddl | <b>0.40</b> | 1.32   | 3.22  | None | 28.11      | 0.64    |
| pfile06-023.pddl | <b>0.43</b> | 1.37   | 3.06  | None | 29.85      | 0.75    |
| pfile06-024.pddl | <b>0.41</b> | 1.40   | 3.15  | None | 37.69      | 0.73    |
| pfile07-025.pddl | <b>0.49</b> | 1.92   | 4.21  | None | None       | 0.89    |
| pfile07-026.pddl | <b>0.51</b> | 1.91   | 4.38  | None | None       | 0.82    |
| pfile07-027.pddl | <b>0.51</b> | 1.93   | 4.46  | None | None       | 0.80    |
| pfile07-028.pddl | <b>0.50</b> | 1.97   | 4.72  | None | None       | 0.77    |
| pfile08-029.pddl | <b>0.61</b> | 2.61   | 5.77  | None | 58.36      | 0.95    |
| pfile08-030.pddl | <b>0.59</b> | 2.60   | 5.51  | None | 54.46      | 0.98    |

## parking-opt14-strips

| Total time      | default     | marked | naive | psvn | psvn_split | watched |
|-----------------|-------------|--------|-------|------|------------|---------|
| p_12_7-01.pddl  | <b>0.23</b> | 0.43   | 1.08  | None | 20.54      | 0.37    |
| p_12_7-02.pddl  | <b>0.24</b> | 0.42   | 1.03  | None | 20.41      | 0.38    |
| p_12_7-03.pddl  | <b>0.23</b> | 0.42   | 1.04  | None | 20.26      | 0.35    |
| p_12_7-04.pddl  | <b>0.23</b> | 0.43   | 1.03  | None | 20.73      | 0.37    |
| p_14_8-01.pddl  | <b>0.28</b> | 0.63   | 1.55  | None | 16.97      | 0.47    |
| p_14_8-02.pddl  | <b>0.30</b> | 0.62   | 1.68  | None | 17.73      | 0.44    |
| p_14_8-03.pddl  | <b>0.31</b> | 0.60   | 1.59  | None | 17.33      | 0.47    |
| p_14_8-04.pddl  | <b>0.27</b> | 0.63   | 1.48  | None | 17.09      | 0.46    |
| p_16_9-01.pddl  | <b>0.36</b> | 0.97   | 2.20  | None | None       | 0.57    |
| p_16_9-02.pddl  | <b>0.32</b> | 0.91   | 2.17  | None | None       | 0.60    |
| p_16_9-03.pddl  | <b>0.35</b> | 0.99   | 2.21  | None | None       | 0.54    |
| p_16_9-04.pddl  | <b>0.32</b> | 0.98   | 2.28  | None | None       | 0.57    |
| p_18_10-01.pddl | <b>0.40</b> | 1.33   | 3.19  | None | 28.40      | 0.69    |
| p_18_10-02.pddl | <b>0.42</b> | 1.42   | 3.24  | None | 28.69      | 0.66    |
| p_18_10-03.pddl | <b>0.39</b> | 1.37   | 3.45  | None | 32.46      | 0.67    |
| p_18_10-04.pddl | <b>0.42</b> | 1.36   | 3.22  | None | 27.73      | 0.65    |
| p_20_11-01.pddl | <b>0.48</b> | 1.94   | 4.40  | None | None       | 0.77    |
| p_20_11-02.pddl | <b>0.52</b> | 1.92   | 4.39  | None | None       | 0.83    |
| p_20_11-03.pddl | <b>0.45</b> | 1.90   | 4.37  | None | None       | 0.84    |
| p_20_11-04.pddl | <b>0.54</b> | 1.98   | 4.46  | None | None       | 0.81    |

## pathways

| Total time | default     | marked | naive | psvn | psvn_split | watched |
|------------|-------------|--------|-------|------|------------|---------|
| p01.pddl   | <b>0.01</b> | 0.01   | 0.01  | None | 0.76       | 0.02    |
| p02.pddl   | <b>0.02</b> | 0.02   | 0.02  | None | 1.24       | 0.04    |
| p03.pddl   | <b>0.07</b> | 0.08   | 0.08  | None | 2.15       | 0.20    |
| p04.pddl   | <b>0.07</b> | 0.07   | 0.08  | None | 3.85       | 0.26    |
| p05.pddl   | <b>0.17</b> | 0.19   | 0.22  | None | 4.96       | 0.48    |
| p06.pddl   | <b>0.30</b> | 0.32   | 0.37  | None | 6.54       | 0.92    |
| p07.pddl   | <b>0.36</b> | 0.38   | 0.46  | None | 8.40       | 1.15    |
| p08.pddl   | <b>0.39</b> | 0.44   | 0.54  | None | 11.87      | 1.56    |
| p09.pddl   | <b>0.48</b> | 0.51   | 0.60  | None | 11.15      | 1.59    |
| p10.pddl   | <b>0.36</b> | 0.39   | 0.53  | None | 6.87       | 1.34    |
| p11.pddl   | <b>0.45</b> | 0.48   | 0.56  | None | 7.73       | 1.45    |
| p12.pddl   | <b>0.34</b> | 0.40   | 0.52  | None | 10.12      | 1.48    |
| p13.pddl   | <b>0.44</b> | 0.52   | 0.71  | None | 9.62       | 1.78    |
| p14.pddl   | <b>0.44</b> | 0.47   | 0.65  | None | 11.19      | 1.72    |
| p15.pddl   | <b>0.46</b> | 0.49   | 0.66  | None | 11.63      | 1.80    |
| p16.pddl   | <b>0.61</b> | 0.69   | 0.95  | None | 15.57      | 2.82    |
| p17.pddl   | <b>0.71</b> | 0.79   | 1.05  | None | 18.85      | 3.52    |
| p18.pddl   | <b>0.48</b> | 0.54   | 0.72  | None | 11.99      | 2.37    |
| p19.pddl   | <b>0.65</b> | 0.74   | 1.01  | None | 19.92      | 3.45    |
| p20.pddl   | <b>0.57</b> | 0.65   | 0.86  | None | 16.51      | 2.79    |
| p21.pddl   | <b>0.73</b> | 0.79   | 1.06  | None | 18.41      | 3.62    |
| p22.pddl   | <b>0.65</b> | 0.76   | 1.02  | None | 15.05      | 3.18    |
| p23.pddl   | <b>0.70</b> | 0.78   | 1.10  | None | 19.88      | 3.53    |
| p24.pddl   | <b>0.67</b> | 0.76   | 1.06  | None | None       | 3.60    |
| p25.pddl   | <b>0.92</b> | 0.97   | 1.44  | None | 20.81      | 4.57    |
| p26.pddl   | <b>0.87</b> | 1.00   | 1.33  | None | 22.67      | 4.76    |
| p27.pddl   | <b>0.88</b> | 1.03   | 1.44  | None | 22.08      | 4.95    |
| p28.pddl   | <b>0.90</b> | 1.04   | 1.39  | None | 22.16      | 4.79    |
| p29.pddl   | <b>0.66</b> | 0.74   | 1.06  | None | None       | 3.79    |
| p30.pddl   | <b>0.72</b> | 0.83   | 1.16  | None | 25.19      | 4.98    |



## pegsol-08-strips

| Total time | default     | marked      | naive       | psvn | psvn_split | watched     |
|------------|-------------|-------------|-------------|------|------------|-------------|
| p01.pddl   | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | 0.78 | 0.62       | <b>0.01</b> |
| p02.pddl   | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | 2.80       | <b>0.01</b> |
| p03.pddl   | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | 2.78       | <b>0.01</b> |
| p04.pddl   | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | 2.78       | <b>0.01</b> |
| p05.pddl   | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | 0.92 | 0.80       | <b>0.01</b> |
| p06.pddl   | <b>0.01</b> | 0.01        | 0.02        | None | 2.71       | 0.02        |
| p07.pddl   | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | 2.79       | <b>0.01</b> |
| p08.pddl   | <b>0.07</b> | 0.08        | 0.11        | None | 2.90       | 0.14        |
| p09.pddl   | <b>0.03</b> | 0.03        | 0.04        | None | 3.07       | 0.05        |
| p10.pddl   | <b>0.06</b> | 0.08        | 0.11        | None | 2.83       | 0.13        |
| p11.pddl   | <b>0.06</b> | 0.07        | 0.09        | None | 2.84       | 0.12        |
| p12.pddl   | <b>0.06</b> | 0.08        | 0.10        | None | 2.75       | 0.13        |
| p13.pddl   | <b>0.05</b> | 0.08        | 0.10        | None | 2.95       | 0.13        |
| p14.pddl   | <b>0.06</b> | 0.08        | 0.10        | None | 2.88       | 0.13        |
| p15.pddl   | <b>0.07</b> | 0.08        | 0.11        | None | 3.15       | 0.13        |
| p16.pddl   | <b>0.06</b> | 0.07        | 0.09        | None | 2.78       | 0.11        |
| p17.pddl   | <b>0.07</b> | 0.09        | 0.11        | None | 2.83       | 0.15        |
| p18.pddl   | <b>0.07</b> | 0.09        | 0.11        | None | 2.81       | 0.14        |
| p19.pddl   | <b>0.07</b> | 0.08        | 0.11        | None | 3.01       | 0.14        |
| p20.pddl   | <b>0.07</b> | 0.09        | 0.12        | None | 2.95       | 0.14        |
| p21.pddl   | <b>0.07</b> | 0.09        | 0.12        | None | 2.96       | 0.15        |
| p22.pddl   | <b>0.07</b> | 0.08        | 0.10        | None | 2.83       | 0.13        |
| p23.pddl   | <b>0.07</b> | 0.08        | 0.11        | None | 2.89       | 0.14        |
| p24.pddl   | <b>0.10</b> | 0.11        | 0.13        | None | 3.06       | 0.16        |
| p25.pddl   | <b>0.07</b> | 0.08        | 0.11        | None | 2.95       | 0.14        |
| p26.pddl   | <b>0.08</b> | 0.10        | 0.12        | None | 2.88       | 0.15        |
| p27.pddl   | <b>0.09</b> | 0.11        | 0.13        | None | 2.96       | 0.17        |
| p28.pddl   | <b>0.06</b> | 0.08        | 0.11        | None | 2.91       | 0.13        |
| p29.pddl   | <b>0.11</b> | 0.12        | 0.15        | None | 2.88       | 0.18        |
| p30.pddl   | <b>0.08</b> | 0.09        | 0.12        | None | 3.03       | 0.15        |

# pegsol-opt11-strips

| Total time | default     | marked      | naive       | psvn | psvn_split | watched     |
|------------|-------------|-------------|-------------|------|------------|-------------|
| p01.pddl   | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | 2.88       | <b>0.01</b> |
| p02.pddl   | <b>0.08</b> | 0.09        | 0.12        | None | 2.85       | 0.14        |
| p03.pddl   | <b>0.07</b> | 0.08        | 0.10        | None | 2.83       | 0.14        |
| p04.pddl   | <b>0.07</b> | 0.08        | 0.11        | None | 2.86       | 0.14        |
| p05.pddl   | <b>0.06</b> | 0.08        | 0.10        | None | 2.87       | 0.14        |
| p06.pddl   | <b>0.08</b> | 0.09        | 0.11        | None | 2.98       | 0.14        |
| p07.pddl   | <b>0.07</b> | 0.09        | 0.11        | None | 2.95       | 0.14        |
| p08.pddl   | <b>0.07</b> | 0.09        | 0.12        | None | 2.84       | 0.14        |
| p09.pddl   | <b>0.07</b> | 0.08        | 0.10        | None | 2.95       | 0.14        |
| p10.pddl   | <b>0.08</b> | 0.08        | 0.11        | None | 2.82       | 0.15        |
| p11.pddl   | <b>0.06</b> | 0.08        | 0.10        | None | 2.83       | 0.13        |
| p12.pddl   | <b>0.06</b> | 0.08        | 0.10        | None | 2.81       | 0.13        |
| p13.pddl   | <b>0.07</b> | 0.09        | 0.11        | None | 2.95       | 0.14        |
| p14.pddl   | <b>0.10</b> | 0.11        | 0.14        | None | 2.93       | 0.20        |
| p15.pddl   | <b>0.07</b> | 0.08        | 0.10        | None | 2.85       | 0.13        |
| p16.pddl   | <b>0.08</b> | 0.10        | 0.12        | None | 3.06       | 0.15        |
| p17.pddl   | <b>0.10</b> | 0.11        | 0.13        | None | 2.82       | 0.17        |
| p18.pddl   | <b>0.07</b> | 0.08        | 0.11        | None | 2.85       | 0.15        |
| p19.pddl   | <b>0.11</b> | 0.12        | 0.15        | None | 2.86       | 0.18        |
| p20.pddl   | <b>0.08</b> | 0.09        | 0.12        | None | 2.96       | 0.15        |

# petri-net-alignment-opt18-strips

| Total time | default     | marked | naive | psvn | psvn_split | watched |
|------------|-------------|--------|-------|------|------------|---------|
| p01.pddl   | <b>0.12</b> | 0.14   | 0.16  | None | 11.70      | 2.63    |
| p02.pddl   | <b>0.12</b> | 0.13   | 0.18  | None | 13.46      | 2.65    |
| p03.pddl   | <b>0.12</b> | 0.14   | 0.18  | None | 15.25      | 2.49    |
| p04.pddl   | <b>0.11</b> | 0.14   | 0.19  | None | 16.25      | 2.64    |
| p05.pddl   | <b>0.12</b> | 0.14   | 0.16  | None | 12.35      | 2.57    |
| p06.pddl   | <b>0.12</b> | 0.14   | 0.19  | None | 15.93      | 2.66    |
| p07.pddl   | <b>0.12</b> | 0.14   | 0.18  | None | 14.39      | 2.64    |
| p08.pddl   | <b>0.11</b> | 0.14   | 0.19  | None | 15.96      | 2.60    |
| p09.pddl   | <b>0.11</b> | 0.13   | 0.19  | None | 15.06      | 2.61    |
| p10.pddl   | <b>0.12</b> | 0.14   | 0.21  | None | 18.22      | 2.52    |
| p11.pddl   | <b>0.11</b> | 0.14   | 0.20  | None | 16.20      | 2.63    |
| p12.pddl   | <b>0.12</b> | 0.15   | 0.23  | None | 14.03      | 2.64    |
| p13.pddl   | <b>0.12</b> | 0.16   | 0.22  | None | 17.88      | 2.57    |
| p14.pddl   | <b>0.11</b> | 0.15   | 0.21  | None | 17.46      | 2.67    |
| p15.pddl   | <b>0.12</b> | 0.14   | 0.20  | None | 17.61      | 2.63    |
| p16.pddl   | <b>0.12</b> | 0.15   | 0.23  | None | 17.25      | 2.55    |
| p17.pddl   | <b>0.12</b> | 0.15   | 0.23  | None | 17.27      | 2.64    |
| p18.pddl   | <b>0.11</b> | 0.15   | 0.23  | None | 18.48      | 2.65    |
| p19.pddl   | <b>0.12</b> | 0.16   | 0.24  | None | 18.79      | 2.50    |
| p20.pddl   | <b>0.11</b> | 0.15   | 0.24  | None | 15.56      | 2.61    |

## pipesworld-notankage

| Total time           | default     | marked      | naive       | psvn | psvn_split | watched     |
|----------------------|-------------|-------------|-------------|------|------------|-------------|
| p01-net1-b6-g2.pddl  | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | 2.25       | <b>0.01</b> |
| p02-net1-b6-g4.pddl  | <b>0.02</b> | 0.02        | 0.02        | None | 2.24       | 0.03        |
| p03-net1-b8-g3.pddl  | 0.04        | <b>0.04</b> | 0.04        | None | 3.92       | 0.07        |
| p04-net1-b8-g5.pddl  | <b>0.09</b> | 0.09        | 0.11        | None | 4.08       | 0.25        |
| p05-net1-b10-g4.pddl | <b>0.11</b> | 0.12        | 0.15        | None | 6.45       | 0.33        |
| p06-net1-b10-g6.pddl | <b>0.12</b> | 0.12        | 0.15        | None | 6.51       | 0.33        |
| p07-net1-b12-g5.pddl | <b>0.14</b> | 0.15        | 0.19        | None | 12.13      | 0.42        |
| p08-net1-b12-g7.pddl | <b>0.14</b> | 0.15        | 0.20        | None | 12.29      | 0.43        |
| p09-net1-b14-g6.pddl | <b>0.16</b> | 0.17        | 0.23        | None | 17.21      | 0.54        |
| p10-net1-b14-g8.pddl | 0.17        | <b>0.16</b> | 0.24        | None | 16.49      | 0.54        |
| p11-net2-b10-g2.pddl | <b>0.11</b> | 0.13        | 0.21        | None | 10.52      | 1.18        |
| p12-net2-b10-g4.pddl | <b>0.11</b> | 0.13        | 0.22        | None | 10.30      | 1.19        |
| p13-net2-b12-g3.pddl | <b>0.12</b> | 0.14        | 0.24        | None | None       | 1.66        |
| p14-net2-b12-g5.pddl | <b>0.13</b> | 0.16        | 0.27        | None | None       | 1.78        |
| p15-net2-b14-g4.pddl | <b>0.12</b> | 0.14        | 0.24        | None | None       | 1.91        |
| p16-net2-b14-g6.pddl | <b>0.12</b> | 0.14        | 0.25        | None | None       | 1.91        |
| p17-net2-b16-g5.pddl | <b>0.18</b> | 0.23        | 0.40        | None | 23.38      | 3.71        |
| p18-net2-b16-g7.pddl | <b>0.19</b> | 0.23        | 0.42        | None | 23.63      | 3.59        |
| p19-net2-b18-g6.pddl | <b>0.19</b> | 0.24        | 0.42        | None | None       | 5.00        |
| p20-net2-b18-g8.pddl | <b>0.19</b> | 0.24        | 0.44        | None | None       | 5.07        |
| p21-net3-b12-g2.pddl | <b>0.14</b> | 0.18        | 0.31        | None | 14.52      | 2.29        |
| p22-net3-b12-g4.pddl | <b>0.14</b> | 0.17        | 0.32        | None | 14.72      | 2.29        |
| p23-net3-b14-g3.pddl | <b>0.19</b> | 0.24        | 0.43        | None | None       | 3.65        |
| p24-net3-b14-g5.pddl | <b>0.19</b> | 0.24        | 0.44        | None | None       | 3.55        |
| p25-net3-b16-g5.pddl | <b>0.23</b> | 0.31        | 0.55        | None | 27.84      | 5.55        |
| p26-net3-b16-g7.pddl | <b>0.22</b> | 0.30        | 0.56        | None | 28.80      | 5.43        |
| p27-net3-b18-g6.pddl | <b>0.29</b> | 0.37        | 0.65        | None | 32.78      | 7.39        |
| p28-net3-b18-g7.pddl | <b>0.28</b> | 0.36        | 0.63        | None | 31.72      | 7.39        |
| p29-net3-b20-g6.pddl | <b>0.32</b> | 0.44        | 0.76        | None | None       | 10.52       |
| p30-net3-b20-g8.pddl | <b>0.30</b> | 0.42        | 0.71        | None | None       | 8.84        |
| p31-net4-b14-g3.pddl | <b>0.19</b> | 0.27        | 0.53        | None | 23.74      | 4.16        |
| p32-net4-b14-g5.pddl | <b>0.18</b> | 0.28        | 0.55        | None | 23.83      | 4.34        |
| p33-net4-b16-g5.pddl | <b>0.21</b> | 0.29        | 0.57        | None | 26.02      | 5.03        |
| p34-net4-b16-g6.pddl | <b>0.24</b> | 0.35        | 0.72        | None | None       | 5.96        |
| p35-net4-b18-g4.pddl | <b>0.30</b> | 0.44        | 0.87        | None | None       | 8.59        |
| p36-net4-b18-g6.pddl | <b>0.31</b> | 0.44        | 0.85        | None | None       | 8.80        |
| p37-net4-b20-g5.pddl | <b>0.36</b> | 0.55        | 0.95        | None | 44.56      | 10.84       |
| p38-net4-b20-g7.pddl | <b>0.36</b> | 0.53        | 0.98        | None | 45.24      | 11.09       |
| p39-net4-b22-g7.pddl | <b>0.50</b> | 0.74        | 1.25        | None | None       | 16.41       |
| p40-net4-b22-g8.pddl | <b>0.45</b> | 0.73        | 1.27        | None | None       | 16.54       |
| p41-net5-b22-g2.pddl | <b>0.40</b> | 0.83        | 1.43        | None | None       | 19.19       |
| p42-net5-b22-g4.pddl | <b>0.42</b> | 0.83        | 1.44        | None | None       | 19.23       |
| p43-net5-b24-g3.pddl | <b>0.52</b> | 1.01        | 1.65        | None | None       | 25.00       |

## pipesworld-tankage

| Total time               | default     | marked      | naive       | psvn | psvn_split | watched     |
|--------------------------|-------------|-------------|-------------|------|------------|-------------|
| p01-net1-b6-g2-t50.pddl  | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | None | 1.99       | <b>0.01</b> |
| p02-net1-b6-g4-t50.pddl  | <b>0.01</b> | 0.01        | 0.01        | None | 1.98       | 0.02        |
| p03-net1-b8-g3-t80.pddl  | <b>0.15</b> | 0.16        | 0.21        | None | 4.74       | 0.19        |
| p04-net1-b8-g5-t80.pddl  | <b>0.14</b> | 0.16        | 0.21        | None | 4.59       | 0.20        |
| p05-net1-b10-g4-t50.pddl | <b>0.14</b> | 0.16        | 0.23        | None | 6.55       | 0.20        |
| p06-net1-b10-g6-t50.pddl | <b>0.14</b> | 0.16        | 0.23        | None | 6.23       | 0.19        |
| p07-net1-b12-g5-t80.pddl | <b>0.32</b> | 0.42        | 0.70        | None | 8.53       | 0.37        |
| p08-net1-b12-g7-t80.pddl | <b>0.33</b> | 0.42        | 0.70        | None | 8.53       | 0.39        |
| p09-net1-b14-g6-t50.pddl | <b>0.35</b> | 0.45        | 0.76        | None | 7.25       | 0.42        |
| p10-net1-b14-g8-t50.pddl | <b>0.35</b> | 0.45        | 0.79        | None | 7.17       | 0.43        |
| p11-net2-b10-g2-t30.pddl | <b>0.11</b> | 0.17        | 0.35        | None | 8.83       | 0.20        |
| p12-net2-b10-g4-t60.pddl | <b>0.16</b> | 0.26        | 0.53        | None | 12.70      | 0.26        |
| p13-net2-b12-g3-t70.pddl | <b>0.20</b> | 0.32        | 0.71        | None | None       | 0.36        |
| p14-net2-b12-g5-t30.pddl | <b>0.14</b> | 0.23        | 0.46        | None | 12.85      | 0.26        |
| p15-net2-b14-g4-t30.pddl | <b>0.12</b> | 0.21        | 0.46        | None | 11.36      | 0.28        |
| p16-net2-b14-g6-t80.pddl | <b>0.23</b> | 0.43        | 1.02        | None | 21.62      | 0.45        |
| p17-net2-b16-g5-t20.pddl | <b>0.12</b> | 0.24        | 0.53        | None | 12.18      | 0.30        |
| p18-net2-b16-g7-t60.pddl | <b>0.28</b> | 0.54        | 1.10        | None | None       | 0.49        |
| p19-net2-b18-g6-t60.pddl | <b>0.30</b> | 0.63        | 1.32        | None | None       | 0.57        |
| p20-net2-b18-g8-t90.pddl | <b>0.55</b> | 1.31        | 2.38        | None | None       | 0.86        |
| p21-net3-b12-g2-t60.pddl | <b>0.21</b> | 0.30        | 0.62        | None | 22.26      | 0.34        |
| p22-net3-b12-g4-t60.pddl | <b>0.20</b> | 0.31        | 0.64        | None | 21.34      | 0.32        |
| p23-net3-b14-g3-t60.pddl | <b>0.35</b> | 0.63        | 1.27        | None | None       | 0.55        |
| p24-net3-b14-g5-t60.pddl | <b>0.33</b> | 0.65        | 1.34        | None | None       | 0.53        |
| p25-net3-b16-g5-t60.pddl | <b>0.66</b> | 1.40        | 2.54        | None | 54.41      | 0.88        |
| p26-net3-b16-g7-t70.pddl | <b>0.82</b> | 1.67        | 3.14        | None | None       | 1.01        |
| p27-net3-b18-g6-t70.pddl | <b>0.68</b> | 1.46        | 2.77        | None | None       | 0.87        |
| p28-net3-b18-g7-t70.pddl | <b>0.71</b> | 1.47        | 2.80        | None | None       | 0.87        |
| p29-net3-b20-g6-t70.pddl | <b>1.04</b> | 2.35        | 4.02        | None | None       | 1.29        |
| p30-net3-b20-g8-t70.pddl | <b>1.16</b> | 2.56        | 4.19        | None | None       | 1.37        |
| p31-net4-b14-g3-t20.pddl | <b>0.12</b> | 0.20        | 0.41        | None | 12.19      | 0.29        |
| p32-net4-b14-g5-t30.pddl | <b>0.24</b> | 0.46        | 0.97        | None | None       | 0.48        |
| p33-net4-b16-g5-t60.pddl | <b>0.37</b> | 0.72        | 1.52        | None | None       | 0.64        |
| p34-net4-b16-g6-t60.pddl | <b>0.53</b> | 1.10        | 2.13        | None | None       | 0.82        |
| p35-net4-b18-g4-t90.pddl | <b>1.02</b> | 3.17        | 5.46        | None | None       | 1.51        |
| p36-net4-b18-g6-t90.pddl | <b>1.07</b> | 2.95        | 6.93        | None | None       | 1.48        |
| p37-net4-b20-g5-t60.pddl | <b>1.01</b> | 2.30        | 3.98        | None | None       | 1.34        |
| p38-net4-b20-g7-t60.pddl | <b>1.00</b> | 2.33        | 4.00        | None | None       | 1.32        |
| p39-net4-b22-g7-t50.pddl | <b>1.31</b> | 3.39        | 5.61        | None | None       | 1.58        |
| p40-net4-b22-g8-t50.pddl | <b>1.22</b> | 3.18        | 5.96        | None | None       | 1.62        |
| p41-net5-b22-g2-t20.pddl | <b>0.46</b> | 1.32        | 2.51        | None | None       | 1.09        |
| p42-net5-b22-g4-t50.pddl | <b>1.26</b> | 4.63        | 10.37       | None | None       | 1.82        |
| p43-net5-b24-g3-t80.pddl | <b>2.24</b> | 11.96       | 36.35       | None | None       | 3.14        |

**psr-small**

| Total time             | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| p01-s2-n1-l2-f50.pddl  | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p02-s5-n1-l3-f30.pddl  | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p03-s7-n1-l3-f70.pddl  | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p04-s8-n1-l4-f10.pddl  | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | 0.01        | <b>0.01</b> | <b>0.01</b> |
| p05-s9-n1-l4-f30.pddl  | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p06-s10-n1-l4-f50.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p07-s11-n1-l4-f70.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p08-s12-n1-l5-f10.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p09-s13-n1-l5-f30.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p10-s17-n2-l2-f30.pddl | <b>0.01</b> | 0.01        | 0.02        | 0.05        | 0.05        | 0.02        |
| p11-s18-n2-l2-f50.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p12-s21-n2-l3-f30.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p13-s22-n2-l3-f50.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p14-s23-n2-l3-f70.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p15-s24-n2-l4-f10.pddl | <b>0.04</b> | 0.07        | 0.07        | 0.27        | 0.29        | 0.07        |
| p16-s29-n2-l5-f30.pddl | 0.02        | 0.02        | 0.02        | 0.04        | <b>0.02</b> | 0.03        |
| p17-s30-n2-l5-f50.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p18-s31-n2-l5-f70.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p19-s33-n3-l2-f30.pddl | 0.07        | 0.07        | 0.09        | 0.16        | <b>0.06</b> | 0.09        |
| p20-s34-n3-l2-f50.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p21-s35-n3-l2-f70.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p22-s37-n3-l3-f30.pddl | 0.07        | <b>0.07</b> | 0.09        | 1.13        | 0.43        | 0.11        |
| p23-s38-n3-l3-f50.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | 0.02        | 0.01        | <b>0.01</b> |
| p24-s39-n3-l3-f70.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p25-s40-n3-l4-f10.pddl | <b>0.22</b> | 2.45        | 1.66        | 4.05        | 5.39        | 1.21        |
| p26-s41-n3-l4-f30.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p27-s42-n3-l4-f50.pddl | <b>0.01</b> | 0.01        | 0.01        | 0.03        | 0.03        | 0.01        |
| p28-s43-n3-l4-f70.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | 0.01        | <b>0.01</b> | <b>0.01</b> |
| p29-s45-n3-l5-f30.pddl | <b>0.08</b> | 0.08        | 0.11        | 1.40        | 0.90        | 0.12        |
| p30-s46-n3-l5-f50.pddl | <b>0.02</b> | 0.02        | 0.02        | 0.06        | 0.06        | 0.02        |
| p31-s49-n4-l2-f30.pddl | <b>0.08</b> | 0.20        | 0.17        | 3.45        | 1.93        | 0.17        |
| p32-s50-n4-l2-f50.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | 0.03        | 0.02        | <b>0.01</b> |
| p33-s51-n4-l2-f70.pddl | <b>0.02</b> | 0.02        | 0.02        | 0.16        | 0.06        | 0.03        |
| p34-s55-n4-l3-f70.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | 0.02        | 0.02        | <b>0.01</b> |
| p35-s57-n5-l2-f30.pddl | <b>0.08</b> | 0.08        | 0.10        | None        | 1.08        | 0.14        |
| p36-s65-n6-l2-f30.pddl | <b>0.10</b> | 0.14        | 0.17        | None        | 3.13        | 0.20        |
| p37-s67-n6-l2-f70.pddl | <b>0.01</b> | 0.01        | 0.02        | 0.56        | 0.65        | 0.02        |
| p38-s78-n3-l3-f50.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | 0.02        | 0.02        | <b>0.01</b> |
| p39-s79-n3-l3-f70.pddl | <b>0.03</b> | 0.03        | 0.03        | 0.11        | 0.03        | 0.04        |
| p40-s80-n3-l4-f10.pddl | <b>0.11</b> | 0.26        | 0.23        | None        | 3.91        | 0.24        |
| p41-s81-n3-l4-f30.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p42-s82-n3-l4-f50.pddl | <b>0.02</b> | 0.02        | 0.02        | 0.05        | 0.05        | 0.02        |
| p43-s83-n3-l4-f70.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | 0.02        | 0.02        | <b>0.01</b> |

# rovers

| Total time | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|------------|-------------|-------------|-------------|-------------|-------------|-------------|
| p01.pddl   | 0.01        | 0.01        | <b>0.01</b> | 0.01        | 0.01        | 0.01        |
| p02.pddl   | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p03.pddl   | <b>0.03</b> | 0.03        | 0.03        | 0.03        | 0.04        | 0.04        |
| p04.pddl   | <b>0.01</b> | 0.01        | 0.01        | 0.01        | 0.01        | 0.01        |
| p05.pddl   | <b>0.09</b> | 0.10        | 0.11        | 0.55        | 0.84        | 0.14        |
| p06.pddl   | <b>0.09</b> | 0.10        | 0.11        | 4.82        | 1.53        | 0.14        |
| p07.pddl   | <b>0.11</b> | 0.11        | 0.12        | None        | 1.67        | 0.14        |
| p08.pddl   | <b>0.14</b> | 0.15        | 0.17        | None        | 3.27        | 0.21        |
| p09.pddl   | <b>0.14</b> | 0.16        | 0.18        | None        | 3.26        | 0.23        |
| p10.pddl   | <b>0.15</b> | 0.17        | 0.20        | None        | 4.25        | 0.25        |
| p11.pddl   | <b>0.14</b> | 0.16        | 0.18        | None        | 3.41        | 0.20        |
| p12.pddl   | <b>0.13</b> | 0.13        | 0.16        | None        | 2.53        | 0.18        |
| p13.pddl   | <b>0.15</b> | 0.17        | 0.22        | None        | 5.01        | 0.24        |
| p14.pddl   | <b>0.17</b> | 0.18        | 0.23        | None        | 3.14        | 0.25        |
| p15.pddl   | <b>0.16</b> | 0.17        | 0.23        | None        | 3.97        | 0.27        |
| p16.pddl   | <b>0.15</b> | 0.18        | 0.21        | None        | 4.94        | 0.27        |
| p17.pddl   | <b>0.26</b> | 0.28        | 0.38        | None        | 5.96        | 0.44        |
| p18.pddl   | <b>0.36</b> | 0.39        | 0.58        | None        | 6.88        | 0.57        |
| p19.pddl   | <b>0.36</b> | 0.41        | 0.67        | None        | 10.04       | 0.65        |
| p20.pddl   | <b>0.45</b> | 0.53        | 0.96        | None        | 11.10       | 0.78        |
| p21.pddl   | <b>0.44</b> | 0.55        | 1.00        | None        | 11.56       | 0.76        |
| p22.pddl   | <b>0.44</b> | 0.54        | 1.02        | None        | 12.44       | 0.78        |
| p23.pddl   | <b>0.49</b> | 0.67        | 1.09        | None        | 15.21       | 1.03        |
| p24.pddl   | <b>0.55</b> | 0.68        | 1.19        | None        | 15.88       | 0.93        |
| p25.pddl   | <b>0.64</b> | 0.76        | 1.19        | None        | 14.77       | 1.00        |
| p26.pddl   | <b>0.55</b> | 0.58        | 0.88        | None        | 9.73        | 0.84        |
| p27.pddl   | <b>0.58</b> | 0.65        | 1.05        | None        | 14.93       | 1.02        |
| p28.pddl   | <b>0.75</b> | 0.96        | 1.70        | None        | 24.63       | 1.38        |
| p29.pddl   | <b>0.93</b> | 1.21        | 1.85        | None        | 25.66       | 1.61        |
| p30.pddl   | <b>0.94</b> | 1.19        | 1.96        | None        | None        | 1.72        |
| p31.pddl   | <b>0.79</b> | 1.16        | 1.87        | None        | 25.81       | 1.64        |
| p32.pddl   | <b>1.03</b> | 1.55        | 2.51        | None        | 48.56       | 2.12        |
| p33.pddl   | <b>0.96</b> | 1.55        | 2.59        | None        | 55.13       | 2.21        |
| p34.pddl   | <b>1.21</b> | 1.80        | 2.86        | None        | None        | 2.67        |
| p35.pddl   | <b>1.24</b> | 2.22        | 3.53        | None        | None        | 3.54        |
| p36.pddl   | <b>1.26</b> | 1.96        | 3.00        | None        | None        | 3.71        |
| p37.pddl   | <b>1.50</b> | 3.04        | 4.56        | None        | None        | 4.65        |
| p38.pddl   | <b>1.83</b> | 3.40        | 5.18        | None        | None        | 5.36        |
| p39.pddl   | <b>1.37</b> | 2.87        | 5.11        | None        | None        | 4.06        |
| p40.pddl   | <b>1.95</b> | 4.11        | 5.76        | None        | None        | 6.84        |

## satellite

| Total time          | default      | marked      | naive       | psvn        | psvn_split  | watched     |
|---------------------|--------------|-------------|-------------|-------------|-------------|-------------|
| p01-pfile1.pddl     | <b>0.01</b>  | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p02-pfile2.pddl     | 0.02         | 0.02        | 0.02        | <b>0.01</b> | 0.02        | 0.02        |
| p03-pfile3.pddl     | <b>0.09</b>  | 0.09        | 0.10        | 0.11        | 0.11        | 0.11        |
| p04-pfile4.pddl     | <b>0.09</b>  | 0.11        | 0.13        | 0.12        | 0.12        | 0.13        |
| p05-pfile5.pddl     | <b>0.15</b>  | 0.16        | 0.19        | None        | 2.97        | 0.20        |
| p06-pfile6.pddl     | <b>0.12</b>  | 0.13        | 0.17        | 1.66        | 2.79        | 0.16        |
| p07-pfile7.pddl     | <b>0.25</b>  | 0.26        | 0.33        | None        | 3.89        | 0.32        |
| p08-pfile8.pddl     | <b>0.36</b>  | 0.38        | 0.48        | None        | 4.01        | 0.48        |
| p09-pfile9.pddl     | <b>0.46</b>  | 0.48        | 0.61        | None        | 4.17        | 0.60        |
| p10-pfile10.pddl    | <b>0.52</b>  | 0.54        | 0.74        | None        | 5.75        | 0.66        |
| p11-pfile11.pddl    | <b>0.61</b>  | 0.69        | 0.92        | None        | 5.09        | 0.76        |
| p12-pfile12.pddl    | <b>0.81</b>  | 0.88        | 1.23        | None        | 7.18        | 0.92        |
| p13-pfile13.pddl    | <b>0.95</b>  | 1.06        | 1.44        | None        | 9.72        | 1.12        |
| p14-pfile14.pddl    | <b>0.97</b>  | 1.26        | 1.41        | None        | 7.79        | 1.27        |
| p15-pfile15.pddl    | <b>1.74</b>  | 1.89        | 2.46        | None        | 11.85       | 2.29        |
| p16-pfile16.pddl    | 2.66         | <b>2.59</b> | 3.17        | None        | 13.00       | 2.78        |
| p17-pfile17.pddl    | <b>2.98</b>  | 3.10        | 3.93        | None        | 18.93       | 3.23        |
| p18-pfile18.pddl    | <b>0.82</b>  | 0.97        | 1.24        | None        | 7.10        | 0.99        |
| p19-pfile19.pddl    | <b>0.99</b>  | 1.11        | 1.47        | None        | 9.38        | 1.41        |
| p20-pfile20.pddl    | <b>1.03</b>  | 1.14        | 1.47        | None        | 10.06       | 1.61        |
| p21-HC-pfile1.pddl  | <b>1.60</b>  | 1.94        | 2.83        | None        | 15.51       | 1.96        |
| p22-HC-pfile2.pddl  | <b>2.24</b>  | 2.68        | 3.75        | None        | 25.49       | 2.58        |
| p23-HC-pfile3.pddl  | <b>3.65</b>  | 4.27        | 6.28        | None        | 30.77       | 4.46        |
| p24-HC-pfile4.pddl  | <b>5.46</b>  | 7.28        | 10.11       | None        | 64.18       | 6.18        |
| p25-HC-pfile5.pddl  | <b>6.32</b>  | 7.69        | 15.68       | None        | 133.74      | 7.15        |
| p26-HC-pfile6.pddl  | <b>6.63</b>  | 7.97        | 14.24       | None        | 132.39      | 7.65        |
| p27-HC-pfile7.pddl  | <b>8.17</b>  | 10.99       | 22.44       | None        | 152.18      | 9.25        |
| p28-HC-pfile8.pddl  | <b>13.08</b> | 19.63       | 47.53       | None        | None        | 14.91       |
| p29-HC-pfile9.pddl  | <b>20.96</b> | 34.18       | 73.81       | None        | None        | 22.78       |
| p30-HC-pfile10.pddl | <b>27.27</b> | 48.25       | 101.57      | None        | None        | 29.51       |
| p31-HC-pfile11.pddl | <b>34.41</b> | 73.30       | 147.05      | None        | None        | 42.96       |
| p32-HC-pfile12.pddl | <b>50.29</b> | 140.53      | 250.31      | None        | None        | 55.65       |
| p33-HC-pfile13.pddl | <b>72.51</b> | 228.87      | 374.75      | None        | None        | 80.06       |
| p34-HC-pfile14.pddl | <b>12.14</b> | 24.88       | 77.00       | None        | None        | 13.71       |
| p35-HC-pfile15.pddl | <b>22.76</b> | 50.80       | 126.20      | None        | None        | 25.72       |
| p36-HC-pfile16.pddl | <b>30.76</b> | 73.99       | 159.86      | None        | None        | 34.68       |



# scanalyzer-08-strips

| Total time | default     | marked | naive       | psvn | psvn_split | watched |
|------------|-------------|--------|-------------|------|------------|---------|
| p01.pddl   | <b>0.11</b> | 0.14   | 0.18        | 0.33 | 0.41       | 0.15    |
| p02.pddl   | <b>0.09</b> | 0.10   | 0.15        | 0.26 | 0.31       | 0.12    |
| p03.pddl   | <b>0.08</b> | 0.09   | 0.12        | 0.24 | 0.28       | 0.11    |
| p04.pddl   | <b>0.28</b> | 0.33   | 0.58        | None | None       | 0.35    |
| p05.pddl   | <b>0.14</b> | 0.18   | 0.32        | None | 7.33       | 0.19    |
| p06.pddl   | <b>0.13</b> | 0.16   | 0.27        | None | 6.61       | 0.18    |
| p07.pddl   | <b>0.62</b> | 0.65   | 1.27        | None | None       | 0.71    |
| p08.pddl   | <b>0.29</b> | 0.34   | 0.66        | None | None       | 0.37    |
| p09.pddl   | <b>0.23</b> | 0.28   | 0.57        | None | 14.28      | 0.29    |
| p10.pddl   | <b>0.90</b> | 1.02   | 2.31        | None | None       | 1.15    |
| p11.pddl   | <b>0.49</b> | 0.51   | 1.28        | None | 16.02      | 0.54    |
| p12.pddl   | <b>0.38</b> | 0.43   | 1.02        | None | None       | 0.44    |
| p13.pddl   | <b>1.33</b> | 1.62   | 3.94        | None | None       | 1.70    |
| p14.pddl   | <b>0.67</b> | 0.81   | 2.19        | None | None       | 0.77    |
| p15.pddl   | <b>0.53</b> | 0.62   | 1.84        | None | None       | 0.70    |
| p16.pddl   | <b>1.96</b> | 2.55   | 6.53        | None | None       | 2.40    |
| p17.pddl   | <b>0.82</b> | 1.30   | 3.28        | None | None       | 1.14    |
| p18.pddl   | <b>0.72</b> | 1.02   | 2.97        | None | None       | 0.88    |
| p19.pddl   | <b>2.42</b> | 4.59   | 20.70       | None | None       | 3.30    |
| p20.pddl   | <b>1.12</b> | 1.63   | 5.86        | None | None       | 1.53    |
| p21.pddl   | <b>0.95</b> | 1.59   | 4.77        | None | None       | 1.40    |
| p22.pddl   | 0.01        | 0.01   | <b>0.01</b> | 0.01 | 0.01       | 0.01    |
| p23.pddl   | <b>0.01</b> | 0.01   | 0.01        | 0.01 | 0.01       | 0.01    |
| p24.pddl   | <b>0.01</b> | 0.01   | 0.01        | 0.01 | 0.01       | 0.01    |
| p25.pddl   | <b>0.51</b> | 1.35   | 5.86        | None | 15.59      | 2.33    |
| p26.pddl   | <b>0.38</b> | 0.97   | 4.49        | None | 16.53      | 1.86    |
| p27.pddl   | <b>0.32</b> | 0.81   | 3.62        | None | 15.50      | 1.62    |
| p28.pddl   | <b>4.80</b> | 15.49  | 142.76      | None | None       | 10.67   |
| p29.pddl   | <b>2.91</b> | 10.47  | 92.11       | None | None       | 5.90    |
| p30.pddl   | <b>2.39</b> | 8.77   | 77.58       | None | None       | 4.69    |

# scanalyzer-opt11-strips

| Total time | default     | marked | naive  | psvn | psvn_split | watched |
|------------|-------------|--------|--------|------|------------|---------|
| p01.pddl   | <b>0.01</b> | 0.01   | 0.01   | 0.01 | 0.01       | 0.01    |
| p02.pddl   | <b>0.09</b> | 0.10   | 0.14   | 0.26 | 0.31       | 0.12    |
| p03.pddl   | <b>0.08</b> | 0.09   | 0.12   | 0.23 | 0.27       | 0.12    |
| p04.pddl   | <b>0.28</b> | 0.31   | 0.58   | None | None       | 0.35    |
| p05.pddl   | <b>0.55</b> | 0.65   | 1.23   | None | None       | 0.68    |
| p06.pddl   | <b>0.16</b> | 0.20   | 0.33   | None | 7.08       | 0.22    |
| p07.pddl   | <b>2.57</b> | 4.23   | 12.64  | None | None       | 3.17    |
| p08.pddl   | <b>0.90</b> | 1.07   | 2.17   | None | None       | 1.11    |
| p09.pddl   | <b>1.31</b> | 1.70   | 3.90   | None | None       | 1.69    |
| p10.pddl   | <b>1.90</b> | 2.58   | 6.60   | None | None       | 2.42    |
| p11.pddl   | <b>0.52</b> | 1.35   | 8.78   | None | 15.66      | 2.23    |
| p12.pddl   | <b>0.12</b> | 0.15   | 0.27   | None | 6.52       | 0.17    |
| p13.pddl   | <b>0.32</b> | 0.85   | 3.66   | None | 16.02      | 1.41    |
| p14.pddl   | <b>0.36</b> | 1.00   | 4.43   | None | 15.72      | 1.90    |
| p15.pddl   | <b>0.29</b> | 0.34   | 0.68   | None | None       | 0.38    |
| p16.pddl   | <b>0.43</b> | 0.53   | 1.28   | None | 16.01      | 0.54    |
| p17.pddl   | <b>0.63</b> | 0.80   | 2.10   | None | None       | 0.74    |
| p18.pddl   | <b>0.80</b> | 1.16   | 3.38   | None | None       | 1.20    |
| p19.pddl   | <b>1.10</b> | 1.73   | 5.11   | None | None       | 1.46    |
| p20.pddl   | <b>4.57</b> | 15.95  | 142.73 | None | None       | 8.51    |

# snake-opt18-strips

| Total time | default     | marked | naive | psvn | psvn_split | watched |
|------------|-------------|--------|-------|------|------------|---------|
| p01.pddl   | <b>0.19</b> | 0.50   | 1.63  | None | 7.24       | 0.76    |
| p02.pddl   | <b>0.20</b> | 0.53   | 1.82  | None | 6.35       | 0.82    |
| p03.pddl   | <b>0.20</b> | 0.59   | 1.90  | None | 10.46      | 0.87    |
| p04.pddl   | <b>0.10</b> | 0.21   | 0.42  | None | 5.53       | 0.21    |
| p05.pddl   | <b>0.22</b> | 0.48   | 1.53  | None | 6.72       | 0.70    |
| p06.pddl   | <b>0.26</b> | 0.82   | 2.62  | None | 12.57      | 1.10    |
| p07.pddl   | <b>0.25</b> | 0.84   | 2.79  | None | 11.30      | 1.17    |
| p08.pddl   | <b>0.28</b> | 0.97   | 3.04  | None | 12.59      | 1.23    |
| p09.pddl   | <b>0.23</b> | 0.67   | 2.29  | None | 7.91       | 1.09    |
| p10.pddl   | <b>0.24</b> | 0.73   | 2.46  | None | 9.51       | 1.05    |
| p11.pddl   | <b>0.30</b> | 1.15   | 3.60  | None | 13.11      | 1.54    |
| p12.pddl   | <b>0.33</b> | 1.25   | 4.04  | None | 15.97      | 1.63    |
| p13.pddl   | <b>0.36</b> | 1.36   | 4.47  | None | 19.94      | 1.69    |
| p14.pddl   | <b>0.36</b> | 1.51   | 5.17  | None | 20.69      | 1.79    |
| p15.pddl   | <b>0.31</b> | 1.06   | 3.55  | None | 12.42      | 1.32    |
| p16.pddl   | <b>0.41</b> | 1.66   | 5.20  | None | 17.84      | 2.05    |
| p17.pddl   | <b>0.42</b> | 2.03   | 14.96 | None | 21.63      | 2.05    |
| p18.pddl   | <b>0.45</b> | 1.97   | 6.26  | None | 27.53      | 2.24    |
| p19.pddl   | <b>0.46</b> | 2.20   | 8.54  | None | 34.60      | 2.38    |
| p20.pddl   | <b>0.38</b> | 1.53   | 5.14  | None | 17.82      | 1.91    |

# sokoban-opt08-strips

| Total time | default     | marked      | naive       | psvn | psvn_split | watched |
|------------|-------------|-------------|-------------|------|------------|---------|
| p01.pddl   | <b>0.02</b> | 0.02        | 0.02        | 5.06 | 1.61       | 0.02    |
| p02.pddl   | <b>0.01</b> | 0.01        | 0.01        | 2.65 | 0.86       | 0.02    |
| p03.pddl   | <b>0.01</b> | 0.01        | 0.01        | 0.88 | 0.70       | 0.01    |
| p04.pddl   | 0.09        | <b>0.07</b> | 0.08        | None | 2.43       | 0.13    |
| p05.pddl   | 0.15        | <b>0.11</b> | 0.19        | None | 6.88       | 0.21    |
| p06.pddl   | 0.06        | <b>0.06</b> | 0.07        | None | 1.88       | 0.09    |
| p07.pddl   | 0.10        | <b>0.08</b> | 0.09        | None | 3.02       | 0.20    |
| p08.pddl   | 0.10        | <b>0.08</b> | 0.10        | None | 2.75       | 0.15    |
| p09.pddl   | 0.09        | <b>0.08</b> | 0.09        | None | 2.93       | 0.16    |
| p10.pddl   | 0.08        | <b>0.07</b> | 0.08        | None | 2.62       | 0.14    |
| p11.pddl   | 0.09        | <b>0.07</b> | 0.08        | None | 3.06       | 0.28    |
| p12.pddl   | 0.10        | <b>0.08</b> | 0.09        | None | 3.12       | 0.15    |
| p13.pddl   | 0.09        | <b>0.08</b> | 0.09        | None | 2.39       | 0.13    |
| p14.pddl   | 0.09        | <b>0.07</b> | 0.08        | None | 2.33       | 0.14    |
| p15.pddl   | 0.12        | <b>0.08</b> | 0.10        | None | 3.59       | 0.20    |
| p16.pddl   | 0.10        | <b>0.08</b> | 0.09        | None | 2.87       | 0.18    |
| p17.pddl   | 0.09        | <b>0.07</b> | 0.09        | None | 2.99       | 0.16    |
| p18.pddl   | 0.11        | <b>0.08</b> | 0.10        | None | 3.37       | 0.19    |
| p19.pddl   | 0.11        | <b>0.08</b> | 0.10        | None | 3.00       | 0.16    |
| p20.pddl   | 0.02        | 0.02        | <b>0.02</b> | None | 5.42       | 0.13    |
| p21.pddl   | 0.17        | <b>0.14</b> | 0.25        | None | 8.49       | 0.23    |
| p22.pddl   | 0.12        | <b>0.08</b> | 0.10        | None | 2.99       | 0.18    |
| p23.pddl   | 0.09        | <b>0.08</b> | 0.10        | None | 3.09       | 0.14    |
| p24.pddl   | 0.10        | <b>0.08</b> | 0.11        | None | 3.08       | 0.17    |
| p25.pddl   | 0.11        | <b>0.08</b> | 0.10        | None | 3.79       | 0.17    |
| p26.pddl   | 0.12        | <b>0.09</b> | 0.11        | None | 3.92       | 0.17    |
| p27.pddl   | 0.12        | <b>0.09</b> | 0.13        | None | 5.65       | 0.19    |
| p28.pddl   | 0.12        | <b>0.08</b> | 0.11        | None | 3.75       | 0.20    |
| p29.pddl   | 0.22        | <b>0.16</b> | 0.30        | None | 11.33      | 0.32    |
| p30.pddl   | 0.20        | <b>0.17</b> | 0.33        | None | None       | 0.31    |

# sokoban-opt11-strips

| Total time | default | marked      | naive       | psvn | psvn_split | watched |
|------------|---------|-------------|-------------|------|------------|---------|
| p01.pddl   | 0.06    | <b>0.06</b> | 0.07        | None | 1.92       | 0.09    |
| p02.pddl   | 0.09    | <b>0.07</b> | 0.08        | None | 3.11       | 0.15    |
| p03.pddl   | 0.09    | <b>0.07</b> | 0.08        | None | 2.37       | 0.14    |
| p04.pddl   | 0.09    | <b>0.07</b> | 0.08        | None | 2.44       | 0.13    |
| p05.pddl   | 0.10    | <b>0.08</b> | 0.09        | None | 3.01       | 0.18    |
| p06.pddl   | 0.09    | <b>0.08</b> | 0.09        | None | 3.11       | 0.29    |
| p07.pddl   | 0.08    | <b>0.07</b> | 0.08        | None | 2.62       | 0.14    |
| p08.pddl   | 0.09    | <b>0.07</b> | 0.09        | None | 2.95       | 0.16    |
| p09.pddl   | 0.10    | <b>0.07</b> | 0.10        | None | 2.94       | 0.20    |
| p10.pddl   | 0.16    | <b>0.11</b> | 0.18        | None | 6.82       | 0.21    |
| p11.pddl   | 0.09    | <b>0.07</b> | 0.08        | None | 2.37       | 0.13    |
| p12.pddl   | 0.02    | 0.02        | <b>0.02</b> | None | 5.57       | 0.12    |
| p13.pddl   | 0.10    | <b>0.08</b> | 0.10        | None | 2.78       | 0.15    |
| p14.pddl   | 0.10    | <b>0.08</b> | 0.09        | None | 3.19       | 0.16    |
| p15.pddl   | 0.11    | <b>0.08</b> | 0.10        | None | 3.30       | 0.19    |
| p16.pddl   | 0.12    | <b>0.08</b> | 0.10        | None | 3.45       | 0.20    |
| p17.pddl   | 0.10    | <b>0.08</b> | 0.10        | None | 3.22       | 0.15    |
| p18.pddl   | 0.17    | <b>0.14</b> | 0.24        | None | 8.32       | 0.22    |
| p19.pddl   | 0.11    | <b>0.08</b> | 0.10        | None | 2.89       | 0.17    |
| p20.pddl   | 0.10    | <b>0.08</b> | 0.10        | None | 3.04       | 0.14    |

# spider-opt18-strips

| Total time | default     | marked | naive | psvn | psvn_split | watched |
|------------|-------------|--------|-------|------|------------|---------|
| p01.pddl   | <b>0.13</b> | 0.47   | 0.93  | None | 18.98      | 1.23    |
| p02.pddl   | <b>0.16</b> | 0.60   | 1.13  | None | None       | 1.56    |
| p03.pddl   | <b>0.29</b> | 1.68   | 3.05  | None | 41.54      | 3.68    |
| p04.pddl   | <b>0.35</b> | 2.25   | 3.94  | None | None       | 5.08    |
| p05.pddl   | <b>0.56</b> | 4.38   | 6.16  | None | None       | 8.68    |
| p06.pddl   | <b>0.81</b> | 9.28   | 19.91 | None | None       | 13.62   |
| p07.pddl   | <b>0.09</b> | 0.30   | 0.48  | None | 18.68      | 0.62    |
| p08.pddl   | <b>0.18</b> | 0.74   | 1.33  | None | None       | 1.88    |
| p09.pddl   | <b>0.28</b> | 1.63   | 3.08  | None | 45.16      | 3.77    |
| p10.pddl   | <b>0.35</b> | 2.25   | 3.91  | None | 51.18      | 5.07    |
| p11.pddl   | <b>0.56</b> | 4.70   | 7.74  | None | None       | 8.64    |
| p12.pddl   | <b>0.86</b> | 9.79   | 20.66 | None | None       | 13.65   |
| p13.pddl   | <b>0.91</b> | 12.08  | 24.72 | None | None       | 16.80   |
| p14.pddl   | <b>0.13</b> | 0.49   | 0.97  | None | 20.07      | 1.21    |
| p15.pddl   | <b>0.08</b> | 0.31   | 0.25  | None | None       | 0.34    |
| p16.pddl   | <b>0.27</b> | 1.68   | 3.50  | None | 46.08      | 3.68    |
| p17.pddl   | <b>0.32</b> | 2.06   | 3.72  | None | None       | 5.17    |
| p18.pddl   | <b>0.51</b> | 4.53   | 14.47 | None | None       | 8.58    |
| p19.pddl   | <b>0.78</b> | 9.20   | 22.00 | None | None       | 13.63   |
| p20.pddl   | <b>0.92</b> | 11.40  | 23.47 | None | None       | 16.60   |

## storage

| Total time | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|------------|-------------|-------------|-------------|-------------|-------------|-------------|
| p01.pddl   | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p02.pddl   | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p03.pddl   | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | 0.04        | 0.05        | <b>0.01</b> |
| p04.pddl   | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | 0.01        | 0.02        | <b>0.01</b> |
| p05.pddl   | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | 0.17        | 0.31        | <b>0.01</b> |
| p06.pddl   | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | 3.13        | 1.78        | <b>0.01</b> |
| p07.pddl   | 0.01        | <b>0.01</b> | 0.01        | 0.35        | 0.50        | 0.01        |
| p08.pddl   | <b>0.06</b> | 0.07        | 0.09        | None        | 1.82        | 0.08        |
| p09.pddl   | <b>0.09</b> | 0.10        | 0.14        | None        | 2.81        | 0.12        |
| p10.pddl   | <b>0.07</b> | 0.08        | 0.09        | None        | 1.21        | 0.10        |
| p11.pddl   | <b>0.08</b> | 0.10        | 0.14        | None        | 2.38        | 0.12        |
| p12.pddl   | <b>0.10</b> | 0.12        | 0.20        | None        | 3.58        | 0.15        |
| p13.pddl   | <b>0.08</b> | 0.09        | 0.11        | None        | 1.54        | 0.12        |
| p14.pddl   | <b>0.09</b> | 0.12        | 0.17        | None        | 2.56        | 0.15        |
| p15.pddl   | <b>0.12</b> | 0.15        | 0.25        | None        | 4.00        | 0.17        |
| p16.pddl   | <b>0.13</b> | 0.19        | 0.37        | None        | 4.74        | 0.21        |
| p17.pddl   | <b>0.14</b> | 0.21        | 0.43        | None        | 6.22        | 0.23        |
| p18.pddl   | <b>0.16</b> | 0.25        | 0.53        | None        | 7.29        | 0.25        |
| p19.pddl   | <b>0.18</b> | 0.30        | 0.63        | None        | 6.06        | 0.30        |
| p20.pddl   | <b>0.20</b> | 0.37        | 0.77        | None        | 10.15       | 0.33        |
| p21.pddl   | <b>0.21</b> | 0.49        | 1.03        | None        | 11.11       | 0.40        |
| p22.pddl   | <b>0.27</b> | 0.62        | 1.36        | None        | 16.56       | 0.45        |
| p23.pddl   | <b>0.27</b> | 0.69        | 1.45        | None        | 14.46       | 0.55        |
| p24.pddl   | <b>0.28</b> | 0.73        | 1.60        | None        | 15.85       | 0.54        |
| p25.pddl   | <b>0.32</b> | 0.94        | 1.85        | None        | 17.71       | 0.57        |
| p26.pddl   | <b>0.40</b> | 1.38        | 2.74        | None        | 28.74       | 0.75        |
| p27.pddl   | <b>0.44</b> | 1.62        | 3.01        | None        | 28.35       | 0.80        |
| p28.pddl   | <b>0.46</b> | 1.75        | 3.20        | None        | 28.82       | 0.83        |
| p29.pddl   | <b>0.48</b> | 2.23        | 3.61        | None        | None        | 0.89        |
| p30.pddl   | <b>0.55</b> | 2.49        | 4.03        | None        | None        | 0.99        |

# termes-opt18-strips

| Total time | default     | marked | naive | psvn  | psvn_split | watched |
|------------|-------------|--------|-------|-------|------------|---------|
| p01.pddl   | <b>0.06</b> | 0.08   | 0.14  | 12.74 | 3.00       | 0.09    |
| p02.pddl   | <b>0.06</b> | 0.08   | 0.14  | 13.46 | 3.06       | 0.09    |
| p03.pddl   | <b>0.06</b> | 0.09   | 0.16  | None  | 3.42       | 0.09    |
| p04.pddl   | <b>0.06</b> | 0.09   | 0.16  | None  | 4.12       | 0.09    |
| p05.pddl   | <b>0.06</b> | 0.09   | 0.18  | None  | 4.49       | 0.09    |
| p06.pddl   | <b>0.07</b> | 0.09   | 0.17  | None  | 4.33       | 0.09    |
| p07.pddl   | <b>0.06</b> | 0.09   | 0.19  | None  | 4.20       | 0.09    |
| p08.pddl   | <b>0.07</b> | 0.09   | 0.20  | None  | 4.43       | 0.09    |
| p09.pddl   | <b>0.07</b> | 0.10   | 0.22  | None  | 4.72       | 0.09    |
| p10.pddl   | <b>0.07</b> | 0.10   | 0.22  | None  | 4.62       | 0.10    |
| p11.pddl   | <b>0.06</b> | 0.08   | 0.14  | 15.19 | 2.98       | 0.09    |
| p12.pddl   | <b>0.06</b> | 0.08   | 0.14  | 14.93 | 2.90       | 0.09    |
| p13.pddl   | <b>0.06</b> | 0.09   | 0.15  | None  | 3.41       | 0.09    |
| p14.pddl   | <b>0.06</b> | 0.09   | 0.15  | None  | 4.28       | 0.09    |
| p15.pddl   | <b>0.06</b> | 0.09   | 0.17  | None  | 4.45       | 0.09    |
| p16.pddl   | <b>0.06</b> | 0.09   | 0.17  | None  | 3.82       | 0.09    |
| p17.pddl   | <b>0.06</b> | 0.08   | 0.14  | 12.04 | 3.36       | 0.09    |
| p18.pddl   | <b>0.06</b> | 0.09   | 0.14  | 12.57 | 2.94       | 0.09    |
| p19.pddl   | <b>0.06</b> | 0.09   | 0.16  | None  | 4.27       | 0.09    |
| p20.pddl   | <b>0.06</b> | 0.09   | 0.16  | None  | 3.58       | 0.09    |



# tetris-opt14-strips

| Total time  | default     | marked | naive | psvn | psvn_split | watched |
|-------------|-------------|--------|-------|------|------------|---------|
| p01-6.pddl  | <b>0.21</b> | 0.53   | 1.24  | None | None       | 6.43    |
| p01-8.pddl  | <b>0.37</b> | 1.56   | 2.91  | None | None       | 23.36   |
| p01-10.pddl | <b>0.45</b> | 1.27   | 2.39  | None | None       | 18.83   |
| p02-4.pddl  | <b>0.04</b> | 0.06   | 0.05  | None | None       | 0.06    |
| p02-6.pddl  | <b>0.30</b> | 0.94   | 1.99  | None | None       | 12.36   |
| p02-8.pddl  | <b>0.44</b> | 1.59   | 2.94  | None | None       | 22.99   |
| p02-10.pddl | <b>0.42</b> | 1.23   | 2.45  | None | None       | 19.47   |
| p03-4.pddl  | <b>0.12</b> | 0.23   | 0.52  | None | None       | 0.91    |
| p03-6.pddl  | <b>0.26</b> | 0.52   | 1.26  | None | None       | 4.57    |
| p03-8.pddl  | <b>0.70</b> | 3.47   | 5.08  | None | None       | 67.51   |
| p03-10.pddl | <b>0.92</b> | 5.92   | 7.76  | None | None       | 126.40  |
| p04-6.pddl  | <b>0.27</b> | 0.57   | 1.29  | None | None       | 6.46    |
| p04-8.pddl  | <b>0.62</b> | 2.44   | 3.92  | None | None       | 46.32   |
| p04-10.pddl | <b>0.82</b> | 4.26   | 5.53  | None | None       | 121.64  |
| p05-6.pddl  | <b>0.21</b> | 0.54   | 1.18  | None | None       | 4.36    |
| p05-8.pddl  | <b>0.69</b> | 3.30   | 4.96  | None | None       | 67.97   |
| p05-10.pddl | <b>0.85</b> | 5.58   | 7.55  | None | None       | 109.67  |

## tidybot-opt11-strips

| Total time | default     | marked | naive       | psvn | psvn_split | watched |
|------------|-------------|--------|-------------|------|------------|---------|
| p01.pddl   | 0.06        | 0.10   | <b>0.06</b> | None | None       | 0.06    |
| p02.pddl   | <b>0.19</b> | 0.66   | 1.23        | None | None       | 1.33    |
| p03.pddl   | <b>0.19</b> | 0.52   | 0.91        | None | None       | 1.03    |
| p04.pddl   | <b>0.19</b> | 0.67   | 1.21        | None | None       | 1.32    |
| p05.pddl   | <b>0.28</b> | 1.10   | 1.94        | None | None       | 2.18    |
| p06.pddl   | <b>0.27</b> | 1.14   | 1.93        | None | None       | 2.18    |
| p07.pddl   | <b>0.27</b> | 1.07   | 1.97        | None | None       | 2.02    |
| p08.pddl   | <b>0.28</b> | 1.17   | 1.88        | None | None       | 2.17    |
| p09.pddl   | <b>0.41</b> | 1.90   | 2.96        | None | None       | 3.33    |
| p10.pddl   | <b>0.40</b> | 1.90   | 3.12        | None | None       | 3.33    |
| p11.pddl   | <b>0.41</b> | 1.96   | 3.09        | None | None       | 3.32    |
| p12.pddl   | <b>0.41</b> | 2.07   | 3.38        | None | None       | 3.21    |
| p13.pddl   | <b>0.41</b> | 1.92   | 2.99        | None | None       | 3.32    |
| p14.pddl   | <b>0.55</b> | 3.53   | 4.88        | None | None       | 5.14    |
| p15.pddl   | <b>0.60</b> | 3.88   | 4.67        | None | None       | 5.15    |
| p16.pddl   | <b>0.59</b> | 3.35   | 5.15        | None | None       | 5.35    |
| p17.pddl   | <b>0.58</b> | 3.23   | 4.78        | None | None       | 5.20    |
| p18.pddl   | <b>0.55</b> | 3.76   | 4.85        | None | None       | 5.05    |
| p19.pddl   | <b>0.58</b> | 3.78   | 5.09        | None | None       | 5.27    |
| p20.pddl   | <b>0.57</b> | 3.27   | 5.30        | None | None       | 5.28    |

# tidybot-opt14-strips

| Total time | default     | marked | naive | psvn | psvn_split | watched |
|------------|-------------|--------|-------|------|------------|---------|
| p01.pddl   | <b>0.58</b> | 3.79   | 5.24  | None | None       | 5.43    |
| p02.pddl   | <b>0.57</b> | 3.44   | 5.60  | None | None       | 5.40    |
| p03.pddl   | <b>0.60</b> | 3.18   | 4.52  | None | None       | 5.29    |
| p04.pddl   | <b>0.57</b> | 3.16   | 5.39  | None | None       | 5.17    |
| p05.pddl   | <b>0.56</b> | 3.54   | 4.94  | None | None       | 5.18    |
| p06.pddl   | <b>0.56</b> | 3.69   | 4.69  | None | None       | 5.65    |
| p07.pddl   | <b>0.58</b> | 3.02   | 4.63  | None | None       | 5.24    |
| p08.pddl   | <b>0.58</b> | 3.50   | 5.30  | None | None       | 5.10    |
| p09.pddl   | <b>0.83</b> | 5.93   | 10.27 | None | None       | 8.00    |
| p10.pddl   | <b>0.79</b> | 5.72   | 9.84  | None | None       | 7.92    |
| p11.pddl   | <b>0.40</b> | 1.86   | 3.02  | None | None       | 3.32    |
| p12.pddl   | <b>0.39</b> | 1.89   | 3.15  | None | None       | 3.34    |
| p13.pddl   | <b>0.40</b> | 1.91   | 3.21  | None | None       | 3.47    |
| p14.pddl   | <b>0.55</b> | 3.08   | 5.50  | None | None       | 5.08    |
| p15.pddl   | <b>0.59</b> | 3.40   | 4.75  | None | None       | 5.12    |
| p16.pddl   | <b>0.58</b> | 3.28   | 5.16  | None | None       | 5.47    |
| p17.pddl   | <b>0.55</b> | 3.22   | 4.43  | None | None       | 5.26    |
| p18.pddl   | <b>0.58</b> | 3.43   | 6.18  | None | None       | 5.16    |
| p19.pddl   | <b>0.55</b> | 3.03   | 5.05  | None | None       | 5.18    |
| p20.pddl   | <b>0.55</b> | 3.66   | 4.92  | None | None       | 5.33    |

# tpp

| Total time | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|------------|-------------|-------------|-------------|-------------|-------------|-------------|
| p01.pddl   | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p02.pddl   | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p03.pddl   | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p04.pddl   | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | 0.02        | 0.02        | <b>0.01</b> |
| p05.pddl   | <b>0.06</b> | 0.07        | 0.07        | 5.42        | 1.47        | 0.11        |
| p06.pddl   | <b>0.09</b> | 0.10        | 0.11        | None        | 2.63        | 0.16        |
| p07.pddl   | <b>0.10</b> | 0.11        | 0.11        | None        | 3.10        | 0.19        |
| p08.pddl   | <b>0.10</b> | 0.12        | 0.14        | None        | 2.80        | 0.22        |
| p09.pddl   | <b>0.12</b> | 0.14        | 0.17        | None        | 4.25        | 0.31        |
| p10.pddl   | <b>0.12</b> | 0.15        | 0.18        | None        | 3.97        | 0.36        |
| p11.pddl   | <b>0.12</b> | 0.15        | 0.23        | None        | 4.10        | 0.22        |
| p12.pddl   | <b>0.13</b> | 0.16        | 0.27        | None        | 4.58        | 0.28        |
| p13.pddl   | <b>0.19</b> | 0.22        | 0.40        | None        | 6.77        | 0.42        |
| p14.pddl   | <b>0.18</b> | 0.24        | 0.46        | None        | 9.65        | 0.52        |
| p15.pddl   | <b>0.21</b> | 0.27        | 0.51        | None        | 6.92        | 0.56        |
| p16.pddl   | <b>0.26</b> | 0.40        | 0.86        | None        | 10.41       | 0.75        |
| p17.pddl   | <b>0.25</b> | 0.45        | 1.04        | None        | 14.65       | 0.97        |
| p18.pddl   | <b>0.28</b> | 0.52        | 1.17        | None        | 14.56       | 1.08        |
| p19.pddl   | <b>0.28</b> | 0.55        | 1.28        | None        | 16.94       | 1.26        |
| p20.pddl   | <b>0.32</b> | 0.60        | 1.32        | None        | 15.62       | 1.42        |
| p21.pddl   | <b>0.31</b> | 0.77        | 1.86        | None        | 19.06       | 1.07        |
| p22.pddl   | <b>0.29</b> | 0.82        | 1.99        | None        | None        | 1.15        |
| p23.pddl   | <b>0.36</b> | 0.96        | 2.25        | None        | None        | 1.39        |
| p24.pddl   | <b>0.38</b> | 0.96        | 2.41        | None        | 25.48       | 1.51        |
| p25.pddl   | <b>0.45</b> | 1.44        | 2.97        | None        | None        | 1.90        |
| p26.pddl   | <b>0.56</b> | 2.36        | 4.94        | None        | None        | 2.63        |
| p27.pddl   | <b>0.59</b> | 2.56        | 4.99        | None        | None        | 2.81        |
| p28.pddl   | <b>0.65</b> | 2.78        | 5.90        | None        | None        | 3.21        |
| p29.pddl   | <b>0.73</b> | 3.98        | 9.10        | None        | None        | 4.15        |
| p30.pddl   | <b>0.79</b> | 4.35        | 11.38       | None        | None        | 4.57        |

# transport-opt08-strips

| Total time | default     | marked      | naive       | psvn | psvn_split | watched     |
|------------|-------------|-------------|-------------|------|------------|-------------|
| p01.pddl   | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | 0.02 | 0.02       | <b>0.01</b> |
| p02.pddl   | <b>0.03</b> | 0.03        | 0.04        | 1.16 | 2.33       | 0.03        |
| p03.pddl   | <b>0.10</b> | 0.11        | 0.17        | None | 6.08       | 0.11        |
| p04.pddl   | <b>0.12</b> | 0.14        | 0.25        | None | 7.16       | 0.13        |
| p05.pddl   | <b>0.13</b> | 0.17        | 0.36        | None | 9.15       | 0.16        |
| p06.pddl   | <b>0.17</b> | 0.24        | 0.62        | None | 11.34      | 0.20        |
| p07.pddl   | <b>0.18</b> | 0.28        | 0.79        | None | 11.67      | 0.22        |
| p08.pddl   | <b>0.20</b> | 0.32        | 0.90        | None | None       | 0.22        |
| p09.pddl   | <b>0.21</b> | 0.40        | 1.14        | None | 14.69      | 0.25        |
| p10.pddl   | <b>0.28</b> | 0.52        | 1.36        | None | 20.02      | 0.32        |
| p11.pddl   | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | 0.04 | 0.05       | <b>0.01</b> |
| p12.pddl   | <b>0.09</b> | 0.10        | 0.15        | 3.81 | 3.50       | 0.11        |
| p13.pddl   | <b>0.10</b> | 0.12        | 0.20        | None | 7.10       | 0.12        |
| p14.pddl   | <b>0.11</b> | 0.14        | 0.31        | None | 7.82       | 0.12        |
| p15.pddl   | <b>0.15</b> | 0.18        | 0.43        | None | 8.53       | 0.15        |
| p16.pddl   | <b>0.25</b> | 0.33        | 0.85        | None | 14.62      | 0.26        |
| p17.pddl   | <b>0.20</b> | 0.34        | 0.98        | None | 18.53      | 0.22        |
| p18.pddl   | <b>0.20</b> | 0.42        | 1.25        | None | 19.05      | 0.23        |
| p19.pddl   | <b>0.21</b> | 0.48        | 1.39        | None | 18.79      | 0.24        |
| p20.pddl   | <b>0.21</b> | 0.57        | 1.58        | None | None       | 0.23        |
| p21.pddl   | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | 0.02 | 0.03       | <b>0.01</b> |
| p22.pddl   | <b>0.08</b> | 0.09        | 0.11        | 1.15 | 2.28       | 0.09        |
| p23.pddl   | <b>0.11</b> | 0.12        | 0.18        | None | 4.44       | 0.13        |
| p24.pddl   | <b>0.12</b> | 0.14        | 0.25        | None | 6.13       | 0.14        |
| p25.pddl   | <b>0.11</b> | 0.15        | 0.34        | None | 7.25       | 0.14        |
| p26.pddl   | <b>0.20</b> | 0.27        | 0.64        | None | 9.88       | 0.22        |
| p27.pddl   | <b>0.17</b> | 0.28        | 0.79        | None | 11.75      | 0.18        |
| p28.pddl   | <b>0.20</b> | 0.35        | 0.97        | None | 15.80      | 0.23        |
| p29.pddl   | <b>0.26</b> | 0.45        | 1.19        | None | 14.57      | 0.28        |
| p30.pddl   | <b>0.29</b> | 0.54        | 1.32        | None | 19.94      | 0.32        |

# transport-opt11-strips

| Total time | default     | marked | naive | psvn | psvn_split | watched |
|------------|-------------|--------|-------|------|------------|---------|
| p01.pddl   | <b>0.11</b> | 0.12   | 0.17  | None | 4.68       | 0.13    |
| p02.pddl   | <b>0.09</b> | 0.11   | 0.17  | None | 6.25       | 0.12    |
| p03.pddl   | <b>0.09</b> | 0.10   | 0.15  | 3.82 | 3.48       | 0.10    |
| p04.pddl   | <b>0.10</b> | 0.12   | 0.21  | None | 6.92       | 0.12    |
| p05.pddl   | <b>0.12</b> | 0.14   | 0.26  | None | 6.10       | 0.15    |
| p06.pddl   | <b>0.11</b> | 0.13   | 0.25  | None | 7.22       | 0.13    |
| p07.pddl   | <b>0.13</b> | 0.16   | 0.34  | None | 7.71       | 0.16    |
| p08.pddl   | <b>0.17</b> | 0.21   | 0.47  | None | 10.74      | 0.20    |
| p09.pddl   | <b>0.14</b> | 0.18   | 0.37  | None | 7.59       | 0.16    |
| p10.pddl   | <b>0.19</b> | 0.25   | 0.53  | None | 9.08       | 0.20    |
| p11.pddl   | <b>0.17</b> | 0.21   | 0.44  | None | 11.23      | 0.19    |
| p12.pddl   | <b>0.22</b> | 0.31   | 0.63  | None | 10.12      | 0.24    |
| p13.pddl   | <b>0.12</b> | 0.16   | 0.40  | None | 13.08      | 0.15    |
| p14.pddl   | <b>0.19</b> | 0.28   | 0.64  | None | 10.26      | 0.22    |
| p15.pddl   | <b>0.15</b> | 0.21   | 0.48  | None | 9.39       | 0.18    |
| p16.pddl   | <b>0.21</b> | 0.29   | 0.68  | None | 11.93      | 0.23    |
| p17.pddl   | <b>0.13</b> | 0.16   | 0.35  | None | 9.27       | 0.16    |
| p18.pddl   | <b>0.11</b> | 0.14   | 0.31  | None | 7.75       | 0.13    |
| p19.pddl   | <b>0.11</b> | 0.15   | 0.33  | None | 7.39       | 0.14    |
| p20.pddl   | <b>0.17</b> | 0.24   | 0.60  | None | 10.80      | 0.21    |

# transport-opt14-strips

| Total time | default     | marked | naive | psvn | psvn_split | watched |
|------------|-------------|--------|-------|------|------------|---------|
| p01.pddl   | <b>0.09</b> | 0.10   | 0.14  | 4.52 | 3.94       | 0.12    |
| p02.pddl   | <b>0.10</b> | 0.12   | 0.19  | None | 6.46       | 0.11    |
| p03.pddl   | <b>0.13</b> | 0.14   | 0.26  | None | 7.87       | 0.16    |
| p04.pddl   | <b>0.15</b> | 0.20   | 0.42  | None | 7.36       | 0.17    |
| p05.pddl   | <b>0.16</b> | 0.22   | 0.57  | None | 12.92      | 0.21    |
| p06.pddl   | <b>0.15</b> | 0.24   | 0.58  | None | 9.76       | 0.17    |
| p07.pddl   | <b>0.10</b> | 0.11   | 0.18  | None | 4.90       | 0.12    |
| p08.pddl   | <b>0.11</b> | 0.15   | 0.31  | None | 9.43       | 0.12    |
| p09.pddl   | <b>0.15</b> | 0.20   | 0.45  | None | 8.40       | 0.17    |
| p10.pddl   | <b>0.14</b> | 0.23   | 0.68  | None | 11.49      | 0.15    |
| p11.pddl   | <b>0.16</b> | 0.31   | 0.90  | None | None       | 0.18    |
| p12.pddl   | <b>0.16</b> | 0.33   | 0.98  | None | 16.90      | 0.16    |
| p13.pddl   | <b>0.11</b> | 0.13   | 0.24  | None | 5.89       | 0.12    |
| p14.pddl   | <b>0.12</b> | 0.18   | 0.43  | None | 8.54       | 0.14    |
| p15.pddl   | <b>0.13</b> | 0.21   | 0.57  | None | None       | 0.14    |
| p16.pddl   | <b>0.17</b> | 0.34   | 0.89  | None | 15.96      | 0.18    |
| p17.pddl   | <b>0.19</b> | 0.47   | 1.32  | None | 20.17      | 0.23    |
| p18.pddl   | <b>0.20</b> | 0.53   | 1.49  | None | 18.21      | 0.22    |
| p19.pddl   | <b>0.21</b> | 0.57   | 1.59  | None | 20.82      | 0.22    |
| p20.pddl   | <b>0.20</b> | 0.59   | 1.63  | None | 21.29      | 0.22    |

## trucks-strips

| Total time | default     | marked | naive | psvn  | psvn_split | watched |
|------------|-------------|--------|-------|-------|------------|---------|
| p01.pddl   | <b>0.03</b> | 0.04   | 0.05  | 0.14  | 0.17       | 0.04    |
| p02.pddl   | <b>0.07</b> | 0.08   | 0.12  | 0.88  | 1.16       | 0.09    |
| p03.pddl   | <b>0.10</b> | 0.12   | 0.21  | 12.73 | 5.81       | 0.14    |
| p04.pddl   | <b>0.12</b> | 0.13   | 0.23  | None  | 10.91      | 0.17    |
| p05.pddl   | <b>0.16</b> | 0.20   | 0.42  | None  | 15.42      | 0.22    |
| p06.pddl   | <b>0.19</b> | 0.24   | 0.48  | None  | 14.76      | 0.26    |
| p07.pddl   | <b>0.12</b> | 0.15   | 0.29  | None  | 12.82      | 0.17    |
| p08.pddl   | <b>0.19</b> | 0.24   | 0.51  | None  | 14.63      | 0.25    |
| p09.pddl   | <b>0.22</b> | 0.27   | 0.62  | None  | 15.13      | 0.29    |
| p10.pddl   | <b>0.24</b> | 0.32   | 0.69  | None  | 14.23      | 0.33    |
| p11.pddl   | <b>0.34</b> | 0.48   | 1.14  | None  | 20.05      | 0.46    |
| p12.pddl   | <b>0.39</b> | 0.51   | 1.22  | None  | 21.25      | 0.52    |
| p13.pddl   | <b>0.31</b> | 0.45   | 1.05  | None  | 19.49      | 0.42    |
| p14.pddl   | <b>0.35</b> | 0.49   | 1.20  | None  | 20.65      | 0.46    |
| p15.pddl   | <b>0.39</b> | 0.60   | 1.33  | None  | 20.51      | 0.55    |
| p16.pddl   | <b>0.46</b> | 0.69   | 1.44  | None  | 22.11      | 0.59    |
| p17.pddl   | <b>0.59</b> | 0.93   | 2.51  | None  | 31.82      | 0.81    |
| p18.pddl   | <b>0.61</b> | 1.00   | 2.53  | None  | 22.32      | 0.77    |
| p19.pddl   | <b>0.56</b> | 0.92   | 2.36  | None  | 21.99      | 0.75    |
| p20.pddl   | <b>0.69</b> | 1.15   | 2.64  | None  | 21.89      | 0.82    |
| p21.pddl   | <b>0.66</b> | 1.10   | 2.63  | None  | 23.47      | 0.81    |
| p22.pddl   | <b>0.70</b> | 1.22   | 3.01  | None  | 27.28      | 0.97    |
| p23.pddl   | <b>1.02</b> | 1.80   | 4.85  | None  | None       | 1.40    |
| p24.pddl   | <b>0.99</b> | 1.96   | 4.91  | None  | None       | 1.34    |
| p25.pddl   | <b>0.78</b> | 1.75   | 4.02  | None  | 76.76      | 2.86    |
| p26.pddl   | <b>0.82</b> | 1.78   | 4.35  | None  | None       | 2.95    |
| p27.pddl   | <b>1.25</b> | 2.33   | 5.42  | None  | None       | 3.82    |
| p28.pddl   | <b>1.26</b> | 2.30   | 5.30  | None  | None       | 3.99    |
| p29.pddl   | <b>1.68</b> | 4.54   | 10.69 | None  | None       | 5.19    |
| p30.pddl   | <b>1.95</b> | 4.20   | 14.69 | None  | None       | 5.43    |



# visitall-opt11-strips

| Total time          | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|---------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| problem02-full.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| problem02-half.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| problem03-full.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| problem03-half.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| problem04-full.pddl | 0.06        | 0.06        | 0.07        | <b>0.06</b> | 0.06        | 0.08        |
| problem04-half.pddl | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| problem05-full.pddl | 0.07        | 0.07        | 0.08        | 0.07        | <b>0.07</b> | 0.11        |
| problem05-half.pddl | <b>0.06</b> | 0.06        | 0.07        | 0.06        | 0.06        | 0.08        |
| problem06-full.pddl | 0.08        | 0.08        | 0.09        | <b>0.08</b> | 0.08        | 0.15        |
| problem06-half.pddl | 0.06        | 0.07        | 0.08        | 0.06        | <b>0.06</b> | 0.08        |
| problem07-full.pddl | <b>0.08</b> | 0.09        | 0.10        | 0.08        | 0.08        | 0.20        |
| problem07-half.pddl | <b>0.07</b> | 0.08        | 0.09        | 0.07        | 0.08        | 0.14        |
| problem08-full.pddl | 0.09        | 0.09        | 0.11        | <b>0.09</b> | 0.09        | 0.26        |
| problem08-half.pddl | 0.07        | 0.08        | 0.10        | <b>0.07</b> | 0.08        | 0.14        |
| problem09-full.pddl | <b>0.09</b> | 0.11        | 0.12        | 0.10        | 0.10        | 0.37        |
| problem09-half.pddl | 0.08        | 0.09        | 0.11        | <b>0.08</b> | 0.08        | 0.21        |
| problem10-full.pddl | 0.10        | 0.11        | 0.14        | <b>0.09</b> | 0.11        | 0.50        |
| problem10-half.pddl | 0.08        | 0.09        | 0.12        | <b>0.08</b> | 0.08        | 0.19        |
| problem11-full.pddl | <b>0.10</b> | 0.12        | 0.15        | 0.11        | 0.11        | 0.66        |
| problem11-half.pddl | <b>0.08</b> | 0.09        | 0.13        | 0.08        | 0.09        | 0.25        |

# visitall-opt14-strips

| Total time   | default     | marked | naive | psvn        | psvn_split  | watched |
|--------------|-------------|--------|-------|-------------|-------------|---------|
| p-1-5.pddl   | 0.07        | 0.08   | 0.08  | <b>0.07</b> | 0.07        | 0.10    |
| p-1-6.pddl   | <b>0.08</b> | 0.08   | 0.09  | 0.08        | 0.08        | 0.15    |
| p-1-7.pddl   | <b>0.08</b> | 0.09   | 0.10  | 0.08        | 0.09        | 0.19    |
| p-1-8.pddl   | <b>0.09</b> | 0.10   | 0.11  | 0.09        | 0.09        | 0.27    |
| p-1-9.pddl   | <b>0.09</b> | 0.11   | 0.12  | 0.10        | 0.10        | 0.37    |
| p-1-10.pddl  | <b>0.09</b> | 0.11   | 0.14  | 0.10        | 0.10        | 0.50    |
| p-1-11.pddl  | <b>0.10</b> | 0.12   | 0.15  | 0.11        | 0.11        | 0.66    |
| p-1-12.pddl  | <b>0.10</b> | 0.14   | 0.17  | 0.11        | 0.11        | 0.87    |
| p-1-13.pddl  | <b>0.11</b> | 0.14   | 0.17  | 0.11        | 0.12        | 1.16    |
| p-1-14.pddl  | <b>0.11</b> | 0.15   | 0.20  | 0.12        | 0.12        | 1.47    |
| p-1-15.pddl  | <b>0.12</b> | 0.16   | 0.22  | 0.12        | 0.13        | 1.83    |
| p-1-16.pddl  | <b>0.12</b> | 0.17   | 0.23  | 0.13        | 0.14        | 2.41    |
| p-1-17.pddl  | 0.13        | 0.17   | 0.28  | <b>0.13</b> | 0.15        | 3.02    |
| p-1-18.pddl  | <b>0.13</b> | 0.20   | 0.32  | 0.14        | 0.15        | 3.74    |
| p-05-5.pddl  | 0.06        | 0.07   | 0.07  | 0.07        | <b>0.06</b> | 0.09    |
| p-05-6.pddl  | <b>0.06</b> | 0.07   | 0.08  | 0.07        | 0.07        | 0.09    |
| p-05-7.pddl  | 0.07        | 0.07   | 0.09  | 0.07        | <b>0.07</b> | 0.10    |
| p-05-8.pddl  | 0.07        | 0.08   | 0.10  | 0.07        | <b>0.07</b> | 0.13    |
| p-05-9.pddl  | <b>0.08</b> | 0.08   | 0.11  | 0.08        | 0.08        | 0.17    |
| p-05-10.pddl | <b>0.08</b> | 0.09   | 0.12  | 0.08        | 0.08        | 0.18    |

# woodworking-opt08-strips

| Total time | default     | marked      | naive       | psvn | psvn_split | watched     |
|------------|-------------|-------------|-------------|------|------------|-------------|
| p01.pddl   | <b>0.08</b> | 0.09        | 0.11        | None | 2.62       | 0.12        |
| p02.pddl   | <b>0.10</b> | 0.11        | 0.14        | None | 2.41       | 0.14        |
| p03.pddl   | <b>0.19</b> | 0.20        | 0.27        | None | 5.80       | 0.29        |
| p04.pddl   | <b>0.32</b> | 0.36        | 0.45        | None | 5.96       | 0.48        |
| p05.pddl   | <b>0.42</b> | 0.45        | 0.60        | None | 6.70       | 0.67        |
| p06.pddl   | <b>0.41</b> | 0.43        | 0.55        | None | 6.69       | 0.65        |
| p07.pddl   | <b>0.49</b> | 0.53        | 0.70        | None | 6.54       | 0.83        |
| p08.pddl   | <b>0.67</b> | 0.76        | 0.95        | None | 9.83       | 1.28        |
| p09.pddl   | <b>0.47</b> | 0.52        | 0.72        | None | 7.62       | 0.97        |
| p10.pddl   | <b>1.13</b> | 1.16        | 1.48        | None | 12.95      | 1.78        |
| p11.pddl   | <b>0.04</b> | 0.04        | 0.06        | 6.93 | 2.42       | 0.06        |
| p12.pddl   | <b>0.15</b> | 0.17        | 0.22        | None | 4.49       | 0.23        |
| p13.pddl   | <b>0.23</b> | 0.25        | 0.33        | None | 4.96       | 0.37        |
| p14.pddl   | <b>0.25</b> | 0.27        | 0.33        | None | 4.74       | 0.38        |
| p15.pddl   | <b>0.39</b> | 0.41        | 0.55        | None | 6.25       | 0.59        |
| p16.pddl   | <b>0.34</b> | 0.37        | 0.54        | None | 5.79       | 0.61        |
| p17.pddl   | <b>0.61</b> | 0.65        | 0.85        | None | 8.45       | 0.99        |
| p18.pddl   | <b>0.66</b> | 0.70        | 0.87        | None | 9.56       | 1.05        |
| p19.pddl   | <b>0.79</b> | 0.80        | 1.02        | None | 12.68      | 1.34        |
| p20.pddl   | <b>1.10</b> | 1.13        | 1.40        | None | 13.24      | 1.82        |
| p21.pddl   | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | 2.37 | 2.05       | <b>0.01</b> |
| p22.pddl   | <b>0.13</b> | 0.14        | 0.18        | None | 2.93       | 0.19        |
| p23.pddl   | <b>0.15</b> | 0.16        | 0.20        | None | 4.46       | 0.23        |
| p24.pddl   | <b>0.23</b> | 0.26        | 0.36        | None | 4.90       | 0.39        |
| p25.pddl   | <b>0.34</b> | 0.36        | 0.50        | None | 5.45       | 0.52        |
| p26.pddl   | <b>0.47</b> | 0.51        | 0.63        | None | 6.18       | 0.77        |
| p27.pddl   | <b>0.50</b> | 0.52        | 0.68        | None | 6.70       | 0.82        |
| p28.pddl   | <b>0.69</b> | 0.70        | 0.87        | None | 9.25       | 1.06        |
| p29.pddl   | <b>0.73</b> | 0.74        | 1.14        | None | 11.24      | 1.33        |
| p30.pddl   | <b>0.84</b> | 0.87        | 1.11        | None | 10.21      | 1.38        |

# woodworking-opt11-strips

| Total time | default     | marked      | naive | psvn | psvn_split | watched |
|------------|-------------|-------------|-------|------|------------|---------|
| p01.pddl   | <b>0.15</b> | 0.16        | 0.20  | None | 4.54       | 0.24    |
| p02.pddl   | <b>0.15</b> | 0.17        | 0.24  | None | 4.46       | 0.24    |
| p03.pddl   | <b>0.23</b> | 0.24        | 0.35  | None | 4.93       | 0.38    |
| p04.pddl   | <b>0.20</b> | 0.20        | 0.26  | None | 5.54       | 0.29    |
| p05.pddl   | <b>0.23</b> | 0.25        | 0.34  | None | 4.96       | 0.41    |
| p06.pddl   | <b>0.30</b> | 0.33        | 0.44  | None | 5.87       | 0.50    |
| p07.pddl   | <b>0.24</b> | 0.28        | 0.33  | None | 5.23       | 0.39    |
| p08.pddl   | <b>0.34</b> | 0.36        | 0.49  | None | 5.40       | 0.55    |
| p09.pddl   | <b>0.41</b> | 0.44        | 0.58  | None | 6.79       | 0.69    |
| p10.pddl   | <b>0.39</b> | 0.41        | 0.53  | None | 6.33       | 0.61    |
| p11.pddl   | <b>0.44</b> | 0.50        | 0.62  | None | 6.11       | 0.73    |
| p12.pddl   | <b>0.35</b> | 0.39        | 0.54  | None | 5.78       | 0.59    |
| p13.pddl   | 0.43        | <b>0.41</b> | 0.58  | None | 6.73       | 0.66    |
| p14.pddl   | <b>0.50</b> | 0.53        | 0.68  | None | 6.72       | 0.81    |
| p15.pddl   | 0.67        | <b>0.66</b> | 0.84  | None | 8.48       | 1.01    |
| p16.pddl   | <b>0.49</b> | 0.53        | 0.70  | None | 6.78       | 0.84    |
| p17.pddl   | <b>0.67</b> | 0.74        | 0.86  | None | 9.16       | 1.06    |
| p18.pddl   | <b>0.65</b> | 0.69        | 0.89  | None | 9.51       | 1.09    |
| p19.pddl   | <b>0.71</b> | 0.73        | 0.98  | None | 9.76       | 1.22    |
| p20.pddl   | <b>0.75</b> | 0.78        | 0.93  | None | 11.27      | 1.30    |

## zenotravel

| Total time | default     | marked      | naive       | psvn        | psvn_split  | watched     |
|------------|-------------|-------------|-------------|-------------|-------------|-------------|
| p01.pddl   | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p02.pddl   | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| p03.pddl   | 0.06        | <b>0.03</b> | 0.04        | 0.39        | 0.53        | 0.08        |
| p04.pddl   | <b>0.06</b> | 0.06        | 0.08        | 0.36        | 0.55        | 0.07        |
| p05.pddl   | <b>0.09</b> | 0.11        | 0.16        | 1.07        | 1.32        | 0.12        |
| p06.pddl   | <b>0.11</b> | 0.13        | 0.18        | 5.72        | 1.93        | 0.14        |
| p07.pddl   | <b>0.09</b> | 0.10        | 0.15        | 5.70        | 1.82        | 0.11        |
| p08.pddl   | <b>0.15</b> | 0.18        | 0.32        | None        | 2.73        | 0.19        |
| p09.pddl   | <b>0.14</b> | 0.17        | 0.32        | None        | 2.72        | 0.19        |
| p10.pddl   | <b>0.18</b> | 0.21        | 0.35        | None        | 3.18        | 0.21        |
| p11.pddl   | <b>0.21</b> | 0.26        | 0.45        | None        | 2.89        | 0.25        |
| p12.pddl   | <b>0.20</b> | 0.25        | 0.46        | None        | 3.17        | 0.25        |
| p13.pddl   | <b>0.21</b> | 0.26        | 0.47        | None        | 3.26        | 0.27        |
| p14.pddl   | <b>0.60</b> | 0.84        | 1.62        | None        | 5.40        | 0.75        |
| p15.pddl   | <b>0.37</b> | 0.62        | 1.69        | None        | 5.71        | 0.50        |
| p16.pddl   | <b>0.92</b> | 1.25        | 2.78        | None        | 7.35        | 1.25        |
| p17.pddl   | <b>0.90</b> | 1.27        | 3.32        | None        | 11.67       | 1.13        |
| p18.pddl   | <b>0.70</b> | 1.35        | 3.65        | None        | 9.00        | 0.99        |
| p19.pddl   | <b>1.09</b> | 1.86        | 4.88        | None        | 11.89       | 1.31        |
| p20.pddl   | <b>0.93</b> | 2.03        | 8.09        | None        | 14.92       | 1.19        |